

```
?show files;ds
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File 2:INSPEC 1969-2003/Mar W1
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File 8:Ei Compendex(R) 1970-2003/Mar W1
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File 13:BAMP 2003/Jan W4
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File 275:Gale Group Computer DB(TM) 1983-2003/Mar 07
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File 340:CLAIMS(R)/US Patent 1950-03/Mar 06
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File 349:PCT FULLTEXT 1979-2002/UB=20030306,UT=20030227
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File 553:Wilson Bus. Abs. FullText 1982-2003/Jan
(c) 2003 The HW Wilson Co
File 564:ICC Brit.Co.Ann.Rpts 1984-2003/Mar 09
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File 570:Gale Group MARS(R) 1984-2003/Mar 06
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March 10, 2003 1 16:17

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 File 636:Gale Group Newsletter DB(TM) 1987-2003/Mar 06  
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 File 654:US PAT.FULL. 1976-2003/Mar 04  
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 (c) 2003 IBIS Bus Info Ltd  
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| Set | Items | Description  |
|-----|-------|--|
| S1  | 1011  | CONTRACT(2W)MANUFACTUR?(S)(AUTOMAT? OR DYNAMIC? OR "ON()TH-E()<br>FLY")(5N)(CHANGE? OR ADJUST? OR RECONFIGUR? OR ADAPT?) |
| S2  | 81    | S1(S)(COMPONENT? ? OR PART? ?)   |
| S3  | 68    | RD (unique items)  |

?t3/3,k/all

**3/3,K/1 (Item 1 from file: 2)**  
 DIALOG(R)File 2:INSPEC  
 (c) 2003 Institution of Electrical Engineers. All rts. reserv.

6917646 INSPEC Abstract Number: B2001-06-2210D-027  
**Title: 0201 assembly: from roadblock to routine placement**  
 Author(s): Wischoffer, S.

Author Affiliation: Fuji America Corp., Vernon Hills, IL, USA  
Journal: Surface Mount Technology vol.15, no.2 p.56-8, 60  
Publisher: PennWell Publishing,  
Publication Date: Feb. 2001 Country of Publication: USA  
CODEN: SMTEEL ISSN: 0893-3588  
SICI: 0893-3588(200102)15:2L:56:0AFR;1-V  
Material Identity Number: N547-2001-002  
Language: English  
Subfile: B  
Copyright 2001, IEE

Abstract: Over the last year and a half, 0201 **component** placement has been a key topic of discussion throughout the SMT industry. Due to size, weight and power consumption demands, many OEM board assemblers need to incorporate even smaller **components** and technologies into their products.

**Contract manufacturers** also must embrace new technologies to remain current with assembly processes and to provide a...

... is to develop assembly equipment that is more resistant to obsolescence in an age of **dynamic** technological **change**. In this article, guidelines governing 0201 placement in both high-volume and high-mix assembly...

3/3,K/2 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

02411219 152107971

**How smart is your software?**

Trebilcock, Bob

Logistics Management (2002) v41n8 PP: 68-71 Aug 2002

ISSN: 1540-3890 JRNL CODE: LMDR

WORD COUNT: 1906

...TEXT: from Optum, a White Plains, N.Y.-based software vendor, to synchronize the activities of **contract manufacturers**, distributors, third- **party** logistics providers and carriers with respect to installation dates. Orders are scheduled so that all...

... up when the installer arrives to begin a job. But if the installer or customer **changes** a delivery date, the system **automatically** communicates the new schedule across the supply chain. "Just by rescheduling a delivery date, we...

3/3,K/3 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

02033400 55109536

**Agree to automate**

Mallon, John M IV

Molding Systems v58n3 PP: 26-32 Jun 2000

JRNL CODE: PLW

WORD COUNT: 2685

...TEXT: The name of the game in contract manufacturing is agility, and a well-planned, flexible **automation** system adds value to **parts**, **changes** over rapidly, and grows with future production cell needs. As a molder, you should buy...

3/3,K/4 (Item 3 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00713577 93-62798

**They aren't just for short runs anymore**

Huber, Robert F

Production v105n5 PP: 52-57 May 1993

ISSN: 0032-9819 JRNL CODE: PRD

WORD COUNT: 1670

TEXT: In the beginning, machining centers were seen as the "automation solution" for job shops, **contract manufacturers**, and tool and die shops, where the economics of skilled operators and manual machines just...

... computer numerical control (CNC) of both the machine cycle and the cutter path--and add **part** index and **automatic** tool **change**--you get full **automation**. What's more, there's the flexibility to take on new contracts with new customers...

**3/3,K/5 (Item 1 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

06983738 Supplier Number: 59083807 (USE FORMAT 7 FOR FULLTEXT)

**Agile Software Announces MyAgile.com Portal Strategy.**

PR Newswire, p7690

Jan 31, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 808

... RFQs) from the BOM for its standard components, and award the purchase contracts.

For custom **parts**, manufacturers may use the SupplierMarket.com eService in the MyAgile portal to disseminate both RFQs and custom material specifications to suppliers of custom build-to-order **components**. As the product evolves, all members of the supply chain -- OEMs, **contract manufacturers**, and suppliers -- can receive **automatic** updates on Engineering **Change** Orders (ECOs) via the MyAgile.com portal.

MyAgile.com supports the PDX (Product Definition eXchange...

**3/3,K/6 (Item 1 from file: 20)**

DIALOG(R) File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

25749124 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Enterasys Networks Powers Advanced Education Network for Internet2 Fall Member Meeting**

BUSINESS WIRE

October 29, 2002

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 815

...and service companies, technological changes, intellectual property protection and related issues, dependence on suppliers and **contract manufacturers**, and potential volatility in operating results, among others. The Company's estimates that it will...

**3/3,K/7 (Item 2 from file: 20)**



DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

23524435 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**University College Cork Selects Enterasys Networks for Infrastructure Upgrade**

BUSINESS WIRE

June 24, 2002

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 849

...and service companies, technological changes, intellectual property protection and related issues, dependence on suppliers and **contract manufacturers**, and potential volatility in operating results, among others. For a more detailed discussion of these...

**3/3,K/8 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

23044837 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Thetis Technologies, Inc. Expands Operations; Founder, Chairman, and CEO Joins Management Team in U.S.**

BUSINESS WIRE

May 28, 2002

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 774

... in a CAD system, for example, it is exported to ThetisPro(TM). The program then **automatically** generates an Engineering **Change Order** (ECO) and instantly calculates the impact of the change on all inventories, sales orders...

**3/3,K/9 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

02813911

**Agile Software and Sierra Atlantic Team Up to Enhance the Integration of Agile Workplace Product Change Management Solutions With Oracle Applications**

PR NEWSWIRE

September 15, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1045

... platforms. The software permits product definitions and changes to be published online simultaneously to suppliers, **contract manufacturers**, internal **manufacturing** groups, distributors and other business partners. As a result, Agile Workplace provides an unprecedented level...

**3/3,K/10 (Item 1 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2003 The Gale group. All rts. reserv.

03383071 SUPPLIER NUMBER: 08308225 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Guide to buying office products. (Inc. 1990 Directory of Office Products) (buyers guide)**

Inc., v12, n2, p5S(66)

Feb, 1990

DOCUMENT TYPE: buyers guide

ISSN: 0162-8968

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 99961

LINE COUNT: 08642

... Excel Office & Contract Inc. Executive Furniture Executive Office  
Concepts Flex-Y-Plan Industries Inc. Foster **Manufacturing** Co. Fraser  
Contract Furniture Inc. GF Office Furniture Garrett Industries Inc. Global  
Industries, Inc. Global...Furniture Div. of I.M. Rosen & Co. Curvcraft Inc.  
Decar Corp. Delco Associates, Inc. Dentin **Manufacturing** Co. Dependable  
Furniture Mfg. ERG International EckAdams Corp. Div. of EAC Corp. Ergospec  
Div. of...Office Products Safco Products Co. Sterling Plastic Trav-L-File  
Inc. Vertifiex Co. Wolffwire

Organizers, **Parts**

Fellowes Manufacturing Co. Kole Industries Perma Products Co. Safco  
Products Co.

Organizers, Printout

Alpak Mfg...

**3/3,K/11 (Item 1 from file: 133)**

DIALOG(R)File 133:S&P's Corp.Descrip.+News

(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

00006467

#### PROFILE

**Xicor, Inc.**

1511 Buckeye Drive  
Milpitas, CA 95035  
USA

TELEPHONE: 408-432-8888

TYPE OF COMPANY: Industrial

CUSIP: 984903

TICKER SYMBOL: XICO

PRIMARY STOCK EXCHANGE: NNM (NASDAQ National Market)

EMPLOYEES: 155

SHAREHOLDERS: 935

INCORPORATION YEAR: 1978

INCORPORATION LOCATION: CA

FISCAL YEAR END: 12/01

ANNUAL STOCK PRICE RANGE: 12.95 20.05

AUDITOR: PricewaterhouseCoopers

PRIMARY SIC CODE:

3674 Semiconductors and related devices

#### CORPORATE BACKGROUND

...complexity of system designs and higher levels of analog content have  
created a need for **components** that regulate, control and manage various  
voltages, biases and modulation currents **automatically** without the need  
for manual **adjustment**. XICO is focused on providing innovative,  
differentiated mixed-signal products that are reprogrammable in-system

March 10, 2003 6 16:17

manufacturers (OEMs) either directly or indirectly through distributors or **contract manufacturers** and are grouped into two categories: Mixed-Signal Products and Memory Products.

The Mixed-Signal...

**3/3,K/12 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

14904747 SUPPLIER NUMBER: 90701682 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**How smart is your software? (Software Intelligence).**  
Logistics Management & Distribution Report, 41, 8, 68(3)  
August, 2002  
ISSN: 1098-7355 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2022 LINE COUNT: 00164

... from Optum, a White Plains, N.Y.-based software vendor, to synchronize the activities of **contract manufacturers**, distributors, third-**party** logistics providers and carriers with respect to installation dates. Orders are scheduled so that all...

...up when the installer arrives to begin a job. But if the installer or customer **changes** a delivery date, the system **automatically** communicates the new schedule across the supply chain. "Just by rescheduling a delivery date, we...

**3/3,K/13 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04840688 SUPPLIER NUMBER: 08892604 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**What's so hot about contract manufacturing. (custom plastics molding)**  
(Cover Story)  
Fallon, Michael  
Plastics Technology, v36, n10, p93(5)  
Sept, 1990  
DOCUMENT TYPE: Cover Story ISSN: 0032-1257 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 2772 LINE COUNT: 00223

... constant-improvement team" might take over to see how manufacturing costs can be further reduced. **Contract manufacturers** know they can't quit while they're ahead if they want to stay ahead...

...out of the manufacturing process. Steps have been taken to reduce cost through material selection **changes** and more advanced **automatic** assembly equipment. And more will be done to trim the cost of purchased **parts** through secondary suppliers. "Everyone is concerned with the same thing, at both the customer and...

**3/3,K/14 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04070053 SUPPLIER NUMBER: 07816097 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Joint ventures: quality and design assistance are the focus of fastening and assembly suppliers to the appliance industry.**  
Dzierwa, Richard  
Appliance, v46, n7, p49(6)

July, 1989

ISSN: 0003-6781

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 4818

LINE COUNT: 00393

... Circle No. 436.

The new Autoflex 250 Series assembly system that provides manufactur flexibility to **adapt** levels of **automation** and layout configurations to **changes** in production requirements has been introduced by Gilman Engin Manufacturing Co. Circle No. 434. Model...

...CP 2450 screwdrivers, nutrunners, and CP 2480 drills. The units are built from modular, interchangeable **parts**, providing customers with more complete tool ava and faster order turnaround. Circle No. 422. Kendale... Arden Fasteners stock 23,000 different fasteners, but if chance doesn't have exactly the **part** you need, it'll find a way to get Circle No. 432. Automation Tooling Systems Inc. is your complete source of tools for a including **component** feeders, end of arm tooling, pick-and-place robots handling systems, and other automation peripherals...

...440. Betamate structural adhesives from Essex Specialty Products Co. can in overall strength of bonded **parts**, which means your appliances will sta the abuse to which your customers will subject them...

...are paid every time you use a custom made National Rivet & Manufacturing Co. cold headed **part** in the production of your product, higher quality assembly in less time, at lower cost...

...stringent dem automatic driving and critical applications. Circle No. 408. Dozens of pressroom and discrete **parts** manufacturers are getting more existing (or new) machines than they thought possible. The difference integrated automation from Atlas Automation. Circle No. 407. Girard Fastener Company provides custom cold formed **parts** engineered a manufactured to your exact specifications, all statistically process c to Q-1 specifications...

...equipment and assure lower assembly costs. Circle No. 414. UFES Assembly Services Technology, a new **contract manufacturing** resour Incorporated, is offering customized assembly services to help OEMs mo products into the market...

3/3,K/15 (Item 1 from file: 180)

DIALOG(R)File 180:Federal Register

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DIALOG Accession Number: 03033602

Supplier Number: 65093168

**Federal Motor Vehicle Safety Standards; Occupant Crash Protection**

**Volume: 65 Issue: 93 Page: 30680**

**CITATION NUMBER: 65 FR 30680**

Date: Friday, May 12, 2000

TEXT:

... vehicles to this test speed before September 1, 2006, they have ample time to make **changes** to their vehicles that do not involve increasing vehicle or air bag aggressivity.

B. Belted...onto the seat or where the restraint does not make any contact with the seat. **Changes** to the test procedures to account for this situation are discussed below.

Toyota and GM... manufacturers from selecting the low risk deployment option. The reason for this is that the **manufacturers** claim it is

difficult to design dual stage air bags that could both meet the...to that already used for evaluating the adequacy of anti-theft devices under 49 CFR **Part** 543. AORC and CRE urged us to expedite the regulatory approval process to the maximum...

...from public disclosure, it may request that the agency do so pursuant to 49 CFR **Part** 512. We have determined that the requirements outlined in section 552.14(b)(1) could...

... materials outlining the function of the system. We also wish to emphasize that pursuant to **Part** 512, petitioners may submit both confidential and non-confidential versions of their petitions and accompanying... now. As an initial matter, all applicable dummies have now been incorporated into 49 CFR **Part** 572, although petitions for reconsideration are currently pending. /25/ Additionally, the seating procedure for the...schedule.

FOOTNOTE 25 Likewise, the final rule incorporating the offset deformable barrier into 49 CFR **Part** 587 was issued in March, 2000. END FOOTNOTE

#### B. Limited Line, Small, Multi-Stage Manufacturers...

... to them at all, and because some SVMs source from large manufacturers and may source **parts** from a model which will not comply until the end of the phase- in. COSVAM...air bag system installed by the original vehicle or chassis manufacturer employs the seat as **part** of the system, by using such features as weight or position sensing **components** in the seat, any change to the vehicle's seat could affect the manufacturer's...a switch is authorized by NHTSA. The final rule is set forth as 49 CFR **Part** 595, Retrofit On-Off Switches for Air Bags.

The purpose of the exemption was to...of the topics proposed in the SNPRM, specifically:

- \* A presentation and explanation of the main **components** of the advanced passenger air bag system.

- \* An explanation of how the **components** function together as **part** of the advanced passenger air bag system.

- \* The basic requirements for proper operation, including an...

... An explanation of the interaction of the advanced passenger air bag system with other vehicle **components**, such as seat belts, seats or other **components**.

- \* A summary of the expected outcomes when child restraint systems, children and small teenagers or...5, 1999), that require child restraints manufactured on or after September 1, 2002, to have **components** that attach to the lower anchors of a vehicle's child restraint anchorage system. (The...consistent results.

#### C. Due Care Provision

Since March 1986, Standard No. 208 has included as **part** of its various crash test requirements a provision stating that:

a vehicle shall not be...speed requirements. The 48 km/h (30 mph) belted rigid barrier test has been a **part** of Standard No. 208 for several years and has not proven problematic for manufacturers. The...to a request for compliance information or in a report submitted pursuant to 49 CFR **Part** 585) that it intends a particular vehicle or model to count as meeting the requirements...

... the percentage of vehicles required to comply in that year. We are amending 49 CFR **Part** 585 to specify reporting requirements that will allow us to administer this provision. Credits for... Thus, we are specifying that a CFC 600 be used for computing the axial force **component** of  $N_{ij}$ , and CFC 1000 for computing the peak axial neck forces. Because J211 does...

... testing. For that testing, the dummy is positioned according to S10 of the standard. As **part** of that procedure, the H-point of the dummy is located using the manikin and...dynamic out-of-position test.

We note that we dropped each of these requirements in **part** because of problems with the proposed test procedures. A specific explanation for dropping each of...N. Reporting Requirements

Also as with previous phase-ins, we proposed amendments to 49 CFR **Part** 585 to establish reporting requirements to allow us to administer the phase-in and the...

... advanced credits. We received no comments on this proposal and have adopted the changes to **Part** 585, with several modifications to clarify the requirements and to account for the addition of...including small volume manufacturers, multi-stage manufacturers, alterers, seating system suppliers, air bag sensor and **component** manufacturers, and dummy manufacturers. Because today's rule will increase the demand for advanced air bag system technology as well as dummies and dummy **parts** (e.g., accelerometers), we believe that today's rule will have a positive effect on...

...these suppliers would need to keep up with emerging technology.

Bornemann Products Incorporated, a seating **component** manufacturer, stated that 98 percent of its sales are to multi-stage vehicle manufacturers who... a Negotiated Rulemaking Committee to develop recommended amendments to the existing NHTSA regulations (49 CFR **Parts** 567 and 568) governing the certification of vehicles built in two or more stages to...would most protect vehicle occupants. We did not propose to set a minimum threshold as **part** of this rulemaking. Accordingly, adding such a requirement to the final rule would be outside...

3/3,K/16 (Item 2 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02130944

Supplier Number: 890101419

**Air Contaminants**

Volume: 54 Issue: 12 Page: 2332

CITATION NUMBER: 54 FR 2332

Date: THURSDAY, JANUARY 19, 1989

3/3,K/17 (Item 1 from file: 187)

DIALOG(R)File 187:F-D-C Reports

(c) 2003 F-D-C Reports Inc. All rts. reserv.

00163515 F-D-C Accession Number 01220430007

The Gray Sheet

October 21, 1996

Volume 22, Issue 43

MINIMED 34% THIRD-QUARTER SALES INCREASE PRIMED BY MODEL 507 INSULIN  
INFUSION PUMP; GUIDANT'S CARDIAC RHYTHM MANAGEMENT DIVISION SALES

## ADVANCE 21%

...17%.

However, Bausch & Lomb's personal health sector posted a 3% sales decline, due in **part** to a 2% drop in contact lens care products. The biomedical sector of the health... were up 4%, "reflecting the unit's culling out of unprofitable product lines," Tecnol explained. **Contract manufacturing** sales of \$2.7 mil. compared to revenues of \$82,000 from the division during...0.51 \$ 0.45

|                             |             |             |
|-----------------------------|-------------|-------------|
| Net income/<br>sales dollar | 14.81 cents | 13.59 cents |
|-----------------------------|-------------|-------------|

|                    |         |
|--------------------|---------|
| Molecular Dynamics | Change  |
|                    | to 1994 |

|                    |      |      |           |
|--------------------|------|------|-----------|
| 3 Mos. to Sept. 30 | 1994 | 1993 | from 1993 |
|--------------------|------|------|-----------|

|       |                    |         |
|-------|--------------------|---------|
| Sales | \$ 12.9 mil...1.65 | \$ 1.39 |
|-------|--------------------|---------|

|                             |             |             |
|-----------------------------|-------------|-------------|
| Net income/<br>sales dollar | 15.43 cents | 14.28 cents |
|-----------------------------|-------------|-------------|

|                    |         |
|--------------------|---------|
| Molecular Dynamics | Change  |
|                    | to 1994 |

|                    |      |      |           |
|--------------------|------|------|-----------|
| 9 Mos. to Sept. 30 | 1994 | 1993 | from 1993 |
|--------------------|------|------|-----------|

|       |                |
|-------|----------------|
| Sales | \$ 35.9 mil... |
|-------|----------------|

3/3,K/18 (Item 1 from file: 264)  
DIALOG(R) File 264:DIALOG Defense Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00098324

**Defense Contracts**

Defense Daily

October 8, 2002 VOL: 216 ISSUE: 6 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH WORD COUNT: 917 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...0035).

Raytheon [RTN], McKinney, Texas, is being awarded a \$21.5 million firm-fixed-price **contract** for the **manufacture** of six APS-137C(V)5 radar weapons replaceable assemblies for the U.S. Navy...

...indicators for incorporation into APS-137C(V)5 radar; non-recurring engineering to replace obsolete **components** within the APS-137(V)5; and two Inverted Synthetic Aperture Radar module shop replaceable...  
...C-

March 10, 2003 11 16:17

0289) to exercise an option for the Fiscal Year 2004 production requirement for  
six **Reconfigurable** Transportable (RT) Consolidated **Automated** Support  
System  
(CASS) for the U.S. Navy. CASS Is the Department of Defense's...

3/3,K/19 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806383

**COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING  
DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
AND METHOD THEREOF**

**PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES  
STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN  
ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET  
PROCEDE ASSOCIE**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Detailed Description

Detailed Description

... of the present invention, collaborative capacity planning may also be  
facilitated between service providers and **manufacturers** utilizing the  
network. In one aspect of this embodiment, a production planning tool may  
be...order information.

37

According to one embodiment of the present invention, an order management  
process **automatically** places an order with one of a plurality of  
suppliers when order information is input...in the Authorization Code  
field of the call record. The Authorization Code field indicates a **party**  
who gets billed for the call, such as the calling location or a credit  
card...switch proceeds to step 3810 and

83

Figure 39 illustrates the control flow for the **Change** Daylight Savings  
Time command which is the second command for changing time. In Figure 39



...read the license terms prior to the request. In addition, this system lacks flexibility. To **change** the licensing terms, the code in the application must be revised.

Recently, generation and sales...

**3/3,K/20 (Item 1 from file: 491)**  
DIALOG(R)File 491:CanCorp Canadian Financials  
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00202201 Date of Changed Record 02/19/2003  
**ARMSTRONG CORPORATION**

Record Status : Active  
Record Type : Full Financial Coverage Co.

Armstrong Corporation (CA202201) was formed on January 26, 1999 following the reverse takeover of Root Industries Inc (CA201837).

Primary SIC Code:  
2899 Mfrs-Chemicals and Chemical Preparations (various)  
Secondary SIC Codes:  
2842 Mfrs-Specialty Cleaning, Polishing & Sanitation Preparations

Description of Business:

Armstrong is a manufacturer and contract packager of specialty chemical cleaning products for the sanitation market and the automotive after-market. Products include bleach, detergents, antifreeze and radiator coolant. The company manufactures its own plastic containers.

PRESIDENTS LETTER

...utilized manufacturing capacity which we plan to fill by aggressively pursuing increased sales volume through **contract manufacturing** and sanitation and janitorial product opportunities. As **part** of the Company's continued focus on improving product margins we will be introducing new...

...customer service. The Company also remains committed to continue to improve manufacturing efficiencies through increased **automation** efforts and improved manufacturing processes.

**Change** in 2001 was not restricted to the day to day operations of the Company. The...

**3/3,K/21 (Item 1 from file: 541)**  
DIALOG(R)File 541:SEC Online(TM) Annual Repts  
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0316017  
**MERCK & CO INC - 1990 Annual Report**

Publication Date: 12/31/90

TEXT:

...equipment, innovative training, and uniform testing and quality control procedures. It also applies to third- **party** organizations that enter into license or **contract manufacturing** arrangements with MPMD. These efforts were recently recognized by

American Druggist magazine, which ranked Merck...

...facilitates production and enables MPMD employees to improve productivity.

Innovative, high-speed tablet machines that **automatically** make in-line **adjustments** to ensure dose uniformity are in place at numerous MPMD sites, with additional installations scheduled...

3/3,K/22 (Item 1 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
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2303004  
HURCO COMPANIES INC - 1996 10K Report

Publication Date: 10/31/96

TEXT:  
PART I

#### ITEM 1. BUSINESS

##### (A) GENERAL DEVELOPMENT OF BUSINESS

Hurco Companies, Inc. (the Company) designs...

...production floor to quickly and easily create a program for machining or forming a particular **part** from a blueprint or electronic design and immediately begin production of that **part** .

The Company's executive offices and principal design, engineering, assembly and distribution facilities are located...

...for cutting and forming metals.

##### (C) NARRATIVE DESCRIPTION OF BUSINESS

###### GENERAL

The manufacture of metal **parts** for industrial and consumer products primarily involves two major processes: metal cutting and metal forming. These processes are performed by machine tools. Metal cutting machine tools produce **parts** by milling, drilling, turning and grinding of a solid block of metal. Metal forming machine tools fabricate **parts** by shearing, punching, forming and bending flat sheets of metal.

Approximately three-fourths of the...  
...is one of the most common types of metal cutting machines. Milling machines shape a **part** by moving a rotating cutting tool, such as a drill, tap or mill, across a...

...such as those produced by the Company. CNC-operated milling machines automatically and precisely shape **parts** by directing the movement of a cutting tool according to a program specifically designed for the desired **part**. Some CNC-operated milling machines, referred to as machining centers, are equipped with **automatic tool changers** that allow several different drills, taps or mills to be used in a programmed sequence on the same **part** without having to remove the **part** from the machine.

Metal forming machines include press brakes, presses, shears and punches. The press...

...used to perform simple bending operations on a wide variety of sheet metal to create **parts** such as computer cabinets, door frames, aircraft **components** and electrical enclosures. Each press brake uses one or more manual or automated gauge systems that determine where the bend will be made in the sheet metal **part**. Automated press brakes utilize CNC systems such as those produced by the Company.

The Company...

...productivity through ease of operation and adaptability to a wide range of manufacturing applications. As **part** of this strategy, the Company has adopted an open systems architecture that permits its CNC...

...of which it has outsourced almost all of its machine tool manufacturing operations to independent **contract manufacturers** and is concentrating its resources on product research, development, design, marketing, distribution and service.

#### PRODUCTS...

...have been fully-integrated. The Company also produces and distributes control upgrades, accessories and replacement **parts** and provides operator training and support services to its customers.

The following table sets forth...

|                      |                |                |                |
|----------------------|----------------|----------------|----------------|
| ...machining centers | 65,518 (65.9%) | 55,711 (62.2%) | 38,622 (53.2%) |
| Service <b>parts</b> | 10,005 (10.0%) | 9,073 (10.1%)  | 10,422 (14.3%) |
| Service fees         | 6...           |                |                |

...100.0%)

\* Amounts shown do not include CNC systems and software sold as an integrated **component** of milling machines and machining centers.

#### CNC Systems and Software

The Company's CNC systems...process data calculation software tools, enables a machine tool operator to create complex two-dimensional **part** programs directly from blue print inspection. Machine operators with little or no programming experience can successfully program **parts** and begin cutting operations in a short time with minimum special training. Since the initial...

March 10, 2003 15 16:17

...in the second quarter of fiscal 1997. By incorporating Industry Standard Architecture (ISA) computer platform **components**, this CNC product offers improved performance while ensuring access to the most effective computing hardware and software technology.

In 1995, the Company introduced a software option that interprets **part** programs written for the worldwide installed base of competitors' CNCs; this software option, which provides...

...standard data format compatibility, enables end-users to use Hurco's Ultimax CNC to run **part** programs initially programmed for a substantial portion of the large installed base of competitive CNCs...

...skilled and unskilled machine operators to convert manual machine operation to easy-to-use CNC **parts** processing. The UltiPath CNC embodies the Company's patented interactive machining technology and its recently...

...The Company's Delta series CNCs, which feature microprocessor-based electronics incorporating ISA computer platform **components** to provide enhanced performance at lower cost, are designed for the worldwide metalworking industry and...

...to-point programming methodology but incorporates software features that group industry standard commands into useful **part** features, such as circles and frames, to simplify programming. The Delta CNCs are designed and...

...with "conversational" graphics.

o Autobend

Autobend CNC systems are applied to press brakes that form **parts** from sheet metal and consist of a microprocessor-based CNC and backgauge. The Company has...

...the Company offers metal cutting and forming software products for programming two and three dimensional **parts**. Its primary products are the Ultimax PC and PC+, off-line programming systems, and DXF...

...and the availability of a configurable post processor. DXF software eliminates manual data entry of **part** features by transferring AutoCAD(TM) drawing files directly into an Ultimax CNC or the off...

...CNC system. All of these machines are built to the Company's specifications by independent **contract manufacturers**. The Company's new Advantage(R) line of machine tools is a complete family of...Screen" version of the Ultimax CNC system and are intended for use by the independent **contract manufacturer** requiring a low-cost product with basic capabilities. The Performance Series products employ the same...

...software desired by the precision tool, die and mold market, where fast programming of complex **parts** is a key to competitiveness.

The Company's smaller machines --those with an X-axis...

...and 50 inches --  
incorporate a machine tool platform developed by one of the Company's  
**contract manufacturers** . During fiscal 1996, approximately 85% of the  
machine tools sold by the Company embodied its...

...fiscal 1997 approximately 95% of the  
machine tools it sells will embody its proprietary design.

#### **Parts and Service**

The Company's service organization provides installation, operator  
training and customer support for...

...respect to complex service operations. The Company also provides  
CNC upgrades, accessories, options and replacement **parts** for its  
products. Among the options are software programs and additional CNC  
features that allow...

...upgrade the performance of its  
milling machines and machining centers. The Company's after-sale **parts**  
and service business helps strengthen customer relationships and  
provides continuous information concerning the evolving requirements...

...the Company's products are thousands of precision  
tool, die and mold manufacturers, independent metal **parts** job shops and  
specialized production groups within large manufacturing corporations.  
Industries served include aerospace, defense...

...ii) to retrofitters of used machine tools who integrate them with  
those machine tools as **part** of the retrofitting operation and (iii) to  
end-users who have an installed base of...

3/3,K/23 (Item 2 from file: 542)  
DIALOG(R) File 542:SEC Online(TM) 10-K Reports  
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2303002

HURCO COMPANIES INC

- 1996 10K Report

Publication Date: 10/31/96

#### TEXT:

...facilities  
in Indianapolis, Indiana and Farmington Hills, Michigan using readily  
available, industry-standard personal computer **components** (such as hard  
disk drives, VGA cards and motherboards) as well as proprietary system  
**components** that are produced to the Company's specifications by several  
domestic suppliers. In October 1996, the Company entered into a  
**contract manufacturing** agreement with Hurco Automation Ltd. (HAL), a  
Taiwanese-based company formed by the Company and...

...Company's  
specifications, beginning in fiscal 1997 and will also supply certain  
proprietary and standard **components** to be used in domestic production.  
The Company believes that alternative sources for the proprietary  
**components** are readily available.  
The Company's CNC-operated machine tools and milling machines are  
manufactured...

...products, alternative sources are not  
readily obtainable and any significant reduction in capacity on the

March 10, 2003 17 16:17

**part** of its existing machine tool manufacturing contractors would have a material adverse effect on its...

...significant to its business. The Company holds a non-exclusive license covering features of the **automatic tool changer** offered with certain of its CNC machining centers. IMS Technology, Inc. (IMS), a wholly-owned...

3/3,K/24 (Item 3 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
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2248443

DDL ELECTRONICS INC - 1996 10K-A1 Report

Publication Date: 06/30/96

TEXT:

**PART I**

Item 1. Business

The Company provides customized, integrated electronic manufacturing services ("EMS") to original...

...Report to Stockholders. Such information is incorporated herein by this reference and is made a **part** hereof.

ELECTRONIC MANUFACTURING SERVICES AND PRINTED CIRCUIT BOARD FABRICATION BUSINESSES

The EMS and PCB fabrication...

...satisfy increasing customer demands for quality and timely delivery and to be responsive to future **changes** in this **dynamic** market. ...customers primarily in Western Europe. SMTEK and DDL-E do not fabricate any of the **components** or PCBs used in these processes, but from time to time they have procured PCBs...

...for the fiscal years ended June 30, 1996, 1995 and 1994, respectively.

Since turnkey electronic **contract manufacturing** may be a substitute for all or some portion of a customer's captive EMS...

...customer with feedback on such issues as ease of assembly and anticipated production lead times. **Component** procurement is commenced after **component** specifications are verified and approved sources are confirmed with the customer. Concurrently, assembly routing and...  
...are normally performed on all assembled circuit boards for turnkey projects. Such tests verify that **components** have been properly inserted and meet certain functional standards and that electrical circuits are properly...

...the Company's turnkey services consists of the planning, purchasing, expediting and financing of the

**components** and materials required to assemble a board-level or system-level assembly. Customers have increasingly...

...the

Company and other independent providers of electronic manufacturing services to purchase some or all **components** directly from **component** manufacturers or distributors and to finance the **components** and materials. In establishing a turnkey relationship with an independent provider of electronic manufacturing services...

...typically

incurs costs in qualifying that EMS provider and, in some cases, its sources of **component** supply, refining product design and developing mutually compatible information and reporting systems. With this relationship...

...boards to multilayer

boards with more than 20 layers. When PCBs are joined with electronic **components** in the assembly process, they comprise the basic building blocks for electronic equipment. Single-sided... in the PCBs form electrical circuits and replace wire as a means of connecting electronic **components**. On technologically advanced multilayer boards, conductive pathways between layers are connected with traditional plated through...

...primary connection

between the circuitry on the different layers of the board and the electronic **components** attached to the boards later. "Surface mount" boards are boards on which electrical **components** are soldered onto the surface instead of being inserted into through-holes. Although substantially more...

...its operations from a 45,000 square foot facility, which is leased from an unaffiliated **party** through May 31, 2000. The monthly rent was approximately \$28,500 during fiscal 1996 and...Raw Materials and Suppliers

In its EMS business, the Company uses numerous suppliers of electronic **components** and other materials. The Company's customers may specify the particular manufacturers and **components**, such as the Intel 80486 microprocessor, to be used in the EMS process. To the extent these **components** are not available on a timely basis or are in short supply because of allocations imposed by the **component** manufacturer, and the customer is unwilling to accept a substitute **component**, delays may occur. Such delays are experienced in the EMS business from time to time...

3/3,K/25 (Item 4 from file: 542)

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1873396

HURCO COMPANIES INC - 1995 10K Report

Publication Date: 10/31/95

TEXT:

...is one of the most common types of metal cutting machines. Milling machines shape a **part** by moving a rotating cutting tool, such as a drill, tap or mill, across a...

...such as those produced by the Company. CNC-guided milling machines automatically and precisely shape **parts** by directing the movement of a cutting tool according to a program specifically designed for the desired **part**. Some CNC-guided milling machines, referred to as machining centers, are equipped with **automatic tool changers** that allow several different drills, taps or mills to be used in a programmed sequence on the same **part** without having to remove the **part** from the machine.

Metal forming machines include press brakes, presses, shears and punches. The press...

...used to perform simple bending operations on a wide variety of sheet metal to create **parts** such as computer cabinets, door frames, aircraft **components** and electrical enclosures. Each press brake uses one or more manual or automated gauge systems that determine where the bend will be made in the sheet metal **part**. Automated press brakes utilize CNC systems such as those produced by the Company.

The Company...

...productivity through ease of operation and adaptability to a wide range of manufacturing applications. As **part** of this strategy, the Company has adopted an open systems architecture that permits its CNC...

...of which it has outsourced almost all of its machine tool manufacturing operations to independent **contract manufacturers** and is concentrating its resources on product research, development, design, marketing, distribution and service.

PRODUCTS...

...have been fully-integrated. The Company also produces and distributes control upgrades, accessories and replacement **parts** and provides operator training and support services to its customers.

...

3/3,K/26 (Item 5 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
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1823625

DDL ELECTRONICS INC - 1995 10K-A1 Report

Publication Date: 06/30/95

TEXT:

...Report to Shareholders. Such information is incorporated herein by this reference and is made a **part** hereof. Electronic **Contract Manufacturing** and Printed Circuit Board Fabrication Businesses

The ECM and PCB fabrication industries and the markets...

...satisfy increasing customer demands for quality and timely delivery, and to be responsive to future **changes** in this **dynamic** market.

March 10, 2003 20 16:17



The PCB fabrication market is highly fragmented. Numerous factors, however, have caused a shift...

...mount and through-hole interconnection technologies. Under the turnkey process, the Company procures customer-specified **components** from suppliers, assembles the **components** onto PCBs, and performs post-assembly testing. The Company conducts the ECM portion of its...

...E") subsidiary servicing customers in Western Europe. DDL-E does not fabricate any of the **components** or PCBs used in these processes. However, it has, in the past, procured PCBs from...

...for the fiscal years ended June 30, 1995, 1994, and 1993, respectively.

Since turnkey electronic **contract manufacturing** may be a substitute for all or some portion of a customer's captive ECM...

...customer with feedback on such issues as ease of assembly and anticipated production lead times. **Component** procurement is commenced after **component** specifications are verified and approved sources are confirmed with the customer. Concurrently, assembly routing and...

...are normally performed on all assembled circuit boards for turnkey projects. Such tests verify that **components** have been properly inserted and meet certain functional standards and that electrical circuits are properly...

...the Company's turnkey services consists of the planning, purchasing, expediting, and financing of the **components** and materials required to assemble a PCB or system-level assembly. Customers have increasingly required the Company and other independent providers of ECM services to purchase all or some **components** directly from **component** manufacturers or distributors and to finance the **components** and materials. In establishing a turnkey relationship with an independent provider of ECM services, a...

...expenses in qualifying that provider of ECM services and, in some cases, its sources of **component** supply, refining product design and ECM processes, and developing mutually compatible information and reporting systems...

3/3,K/27 (Item 6 from file: 542)  
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1802643

DDL ELECTRONICS INC - 1995 10K Report

Publication Date: 06/30/95

TEXT:  
PART I

Item 1. Business

DDL Electronics, Inc. ("DDL" or the "Company") is an independent provider of electronic **contract manufacturing** ("ECM") services and a fabricator of printed circuit boards ("PCB") for use primarily in the... Report to Shareholders. Such information is incorporated herein by this reference and is made a **part** hereof.

**ELECTRONIC CONTRACT MANUFACTURING AND PRINTED CIRCUIT BOARD FABRICATION BUSINESSES**

The ECM and PCB fabrication industries and the markets...

...satisfy increasing customer demands for quality and timely delivery, and to be responsive to future **changes** in this **dynamic** market.

The PCB fabrication market is highly fragmented. Numerous factors, however, have caused a shift...

...mount and through-hole interconnection technologies. Under the turnkey process, the Company procures customer-specified **components** from suppliers, assembles the **components** onto PCBs, and performs post-assembly testing. The Company conducts the ECM portion of its...

...E") subsidiary servicing customers in Western Europe. DDL-E does not fabricate any of the **components** or PCBs used in these processes. However, it has, in the past, procured PCBs from...

...for the fiscal years ended June 30, 1995, 1994, and 1993, respectively.

Since turnkey electronic **contract manufacturing** may be a substitute for all or some portion of a customer's captive ECM...

...customer with feedback on such issues as ease of assembly and anticipated production lead times. **Component** procurement is commenced after **component** specifications are verified and approved sources are confirmed with the customer. Concurrently, assembly routing and...

...are normally performed on all assembled circuit boards for turnkey projects. Such tests verify that **components** have been properly inserted and meet certain functional standards and that electrical circuits are properly...

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...expenses in qualifying that provider of ECM services and, in some cases, its sources of **component** supply, refining product design and ECM processes, and developing mutually compatible information and

reporting systems...boards to multilayer boards with more than 20 layers. When PCBs are joined with electronic **components** in the assembly process, they comprise the basic building blocks for electronic equipment. Single-sided...

...in the PCBs form electrical circuits and replace wire as a means of connecting electronic **components**. On technologically advanced multilayer boards, conductive pathways between layers are connected with traditional plated through...

...primary connection between the circuitry on the different layers of the board and the electronic **components** attached to the boards later. "Surface mount" boards are boards on which electrical **components** are soldered instead of being inserted into through-holes. Although substantially more complex and difficult... fiscal year 1995 to 36%. Sales to both of these customers diminished in the latter **part** of fiscal year 1994. Fortronic's purchases declined due to reduced orders of its magnetic...

...Raw Materials and Suppliers. In its ECM business, the Company uses numerous suppliers of electronic **components** and other materials. The Company's customers may specify the particular manufacturers and **components**, such as the Intel 80486 microprocessor, to be used in the ECM process. To the extent these **components** are not available on a timely basis or are in short supply because of allocations imposed by the **component** manufacturer, and the customer is unwilling to accept a substitute **component**, delays may occur. Such delays are experienced in the ECM business from time to time...

3/3,K/28 (Item 7 from file: 542)  
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1392601

DDL ELECTRONICS INC - 1994 10K-A1 Report

Publication Date: 06/30/94

TEXT:  
SOURCE PAGE 4]

Electronic **Contract Manufacturing** and Printed Circuit Board Fabrication Businesses

The ECM and PCB fabrication industries and the markets...

...satisfy increasing customer demands for quality and timely delivery, and to be responsive to future **changes** in this **dynamic** market.

The PCB fabrication market is highly fragmented. Numerous factors, however, have caused a shift...

...mount and through-hole interconnection technologies. Under the turnkey process, the Company procures customer-specified **components** from suppliers, assembles the **components** onto PCBs, and performs post-assembly testing. The Company conducts the ECM portion of its...

...customers in Western Europe. A.J. and

DDL-E do not fabricate any of the **components** or PCBs used in these processes. However, both subsidiaries have procured PCBs from the Company...

...for  
the fiscal years ended June 30, 1994, 1993, and 1992, respectively.

Since turnkey electronic **contract manufacturing** may be a substitute for all or some portion of a customer's captive ECM...

...customer with feedback on  
such issues as ease of assembly and anticipated production lead times.

**Component** procurement is commenced after **component** specifications are verified and approved sources are confirmed with the customer. Concurrently, assembly routing and...

...are normally performed on all assembled circuit boards for turnkey projects. Such tests verify that **components** have been properly inserted and meet certain functional standards and that electrical circuits are properly...

...the Company's turnkey services  
consists of the planning, purchasing, expediting, and financing of the **components** and materials required to assemble a PCB or system-level assembly. Customers have increasingly required the Company and other independent providers of ECM services to purchase all or some **components** directly from **component** manufacturers or distributors and to finance the **components** and materials. In establishing a turnkey relationship with an independent provider of ECM services, a...

...expenses  
in qualifying that provider of ECM services and, in some cases, its sources of **component** supply, refining product design and ECM processes, and developing mutually compatible information and reporting systems...

3/3,K/29 (Item 8 from file: 542)  
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1372607  
DDL ELECTRONICS INC - 1994 10K Report

Publication Date: 06/30/94

TEXT:  
SOURCE PAGE 4]

#### ELECTRONIC **CONTRACT MANUFACTURING** AND PRINTED CIRCUIT BOARD FABRICATION BUSINESSES

The ECM and PCB fabrication industries and markets in...

...satisfy increasing customer demands for quality and timely delivery, and to be responsive to future **changes** in this **dynamic** market.

The PCB fabrication market is highly fragmented. Numerous factors, however, have caused a shift...  
...amount and through-hole interconnection technologies. Under the turnkey process, the Company procures customers-specified **components**

from suppliers, assembles the **components** onto PCB's and performs post-assembly testing. The Company conducts the ECM portion of...

...customers in Western Europe. A.J. and DDL-E do not fabricate any of the **components** or PCBs used in these processes. However, both subsidiaries have procured PCBs from the Company...

...for the fiscal years ended June 30, 1994, 1993, and 1992, respectively.

Since turnkey electronic **contract manufacturing** may be a substitute for all or some portion of a customer's captive ECM...

...customer with feedback on such issues as ease of assembly and anticipated production lead times.

**Component** procurement is commenced after **component** specifications are verified and approved sources are confirmed with the customer.

Concurrently, assembly routing and...

...tests are normally performed on all assembled circuit for turnkey projects. Such tests verify that **components** have been properly inserted and meet certain functional standards and that electrical circuits are properly...

...the Company's turnkey services consists of the planning, purchasing, expediting, and financing of the **components** and materials required to assemble a PCB or system-level assembly. Customers have increasingly required the Company and other independent providers of ECM services to purchase all or some **components** directly from **component** manufacturers or distributors and to finance the **components** and materials. In establishing a turnkey relationship with an independent provider of ECM services, a...

...expenses in qualifying that provider of ECM services and, in some cases, its sources of **component** supply, refining product design and ECM processes, and developing mutually compatible information and reporting systems...

3/3,K/30 (Item 9 from file: 542)  
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1071188

**DATA DESIGN LABORATORIES INC - 1993 10K Report**

Publication Date: 06/30/93

TEXT:

...hose manufacturing operations, its emergency lighting equipment manufacturing operations and its engineering services operations.

**Electronic Contract Manufacturing** and Printed Circuit Board Fabrication Businesses

The ECM and PCB fabrication industries and the markets...

...satisfy increasing customer demands for qualify and timely delivery, and to be responsive to future **changes** in this **dynamic** market.

The PCB fabrication market is highly fragmented. Numerous factors,

however, have caused a shift...

...mount and through-hole interconnection technologies. Under the turnkey process, the Company procures customer-specified **components** from suppliers, assembles the **components** onto PCBs, and performs post-assembly testing. The Company conducts the ECM portion of its...

...customers in

Western Europe. A.J. and DDL-E do not fabricate any of the **components** or PCBs used in these processes. However, both subsidiaries have procured PCBs from the Company...

...for the fiscal years ended June 30, 1993, 1992, and 1991, respectively.

Since turnkey electronic **contract manufacturing** may be a substitute for all or some portion of a customer's captive ECM...

...on

such issues as ease of assembly of the PCB and anticipated production lead times. **Component** procurement is commenced after **component** specifications are verified and approved sources are confirmed with the customer. Concurrently, assembly routing and...

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...the Company's turnkey services

consists of the planning, purchasing, expediting, and financing of the **components** and materials required to assemble a PCB or system level assembly. Customers have increasingly required the Company and other independent providers of ECM services to purchase all or some **components** directly from **component** manufacturers or distributors and to finance the **components** and materials. In establishing a turnkey relationship with an independent provider of ECM services, a...

3/3,K/31 (Item 1 from file: 545)

DIALOG(R)File 545:Investext(R)

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12797368

**AGILE SOFTWARE CORP**

RBC CAPITAL MARKETS (US)

STEELE, C., ET AL

MINNESOTA (STATE OF)

DATE: April 2, 02

INVESTEXT(tm) REPORT NUMBER: 8460568, PAGE 4 OF 16, TEXT PAGE

This is a(n) COMPANY report.

TEXT:

...the correct version of the product content (component changes, new specifications, etc.) to the appropriate **contract manufacturer** or supplier and enables collaboration to ensure that all partners are manufacturing products "off the...

3/3,K/32 (Item 2 from file: 545)

DIALOG(R)File 545:Investext(R)

March 10, 2003 26 16:17

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11812619

**Medicore Inc. - HISTORY & DEBT**  
MERGENT FIS - HISTORY & DEBT  
Financial Information Services  
NEW YORK (STATE OF)

DATE: May 8, 01

INVESTEXT(tm) REPORT NUMBER: 4411931, PAGE 2 OF 4, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...four business segments: (i) the medical product division which distributes medical supplies; (ii) the international **contract manufacturing** of electronic and electro-mechanical products, primarily for the data processing, telecommunications, instrumentation and food...

...we loaned \$2,200,000.

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**3/3,K/33 (Item 3 from file: 545)**

DIALOG(R)File 545:Investext(R)

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09681556

**CEO INTERVIEW: ROSS MANIRE, CHATHAM TECHNOLOGIES INC**  
WALL STREET TRANSCRIPT CORPORATION  
THE WALL STREET TRANSCRIPT CORPORATION  
NEW YORK (STATE OF)

DATE: July 27, 99

INVESTEXT(tm) REPORT NUMBER: 2000202, PAGE 3 OF 5, TEXT PAGE

This is a(n) COMPANY report.

TEXT:

...looking  
at selling off their operations in the electromechanical space as well as in the **contract electronics manufacturing** space.

**3/3,K/34 (Item 4 from file: 545)**

DIALOG(R)File 545:Investext(R)

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09655781

**Medicore Inc. - History & Debt**  
MERGENT FIS - HISTORY & DEBT  
Financial Information Services  
NEW YORK (STATE OF)

DATE: July 24, 99

INVESTEXT(tm) REPORT NUMBER: 3517329, PAGE 3 OF 4, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...division recently initiated its own production of lancets. A second business segment is the international **contract manufacturing** of electronic and electro-mechanical products, primarily for the data processing, telecommunications, instrumentation and food...

...independent manufacturer representatives and employees of the Company.

ELECTRONIC MANUFACTURING INDUSTRY

Techdyne is an international **contract manufacturer** of electronic and electro-mechanical products, primarily manufactured to customer specifications and designed for original...

...printed circuit boards ("PCBs"), conventional

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**3/3,K/35 (Item 5 from file: 545)**

DIALOG(R)File 545:Investext(R)

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09353099

**Telecom Subcontractors: Sweden**

CARNEGIE INTERNATIONAL

Heydorn, I.

UNITED KINGDOM

DATE: March 15, 99

INVESTEXT(tm) REPORT NUMBER: 3382537, PAGE 20 OF 29, TEXT PAGE

This is a(n) INDUSTRY report.

TEXT:

...the company

lost a lot on money. It now focuses fully on sub-contracting.

The **contract manufacturing** market - especially the electronic manufacturing service market - has been growing rapidly in recent years. However...

...follow key customers. Last year, PartnerTech captured a lot of new promising orders. A large **part** was from Ericsson and they are now starting to affect sales and earnings in a...

**3/3,K/36 (Item 6 from file: 545)**

DIALOG(R)File 545:Investext(R)

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09013353

**Medicore Inc. - History & Debt**

MOODY'S INVESTORS SERVICE, HISTORY & DEBT

Moody's Investors Service

NEW YORK (STATE OF)

DATE: January 9, 99

INVESTEXT(tm) REPORT NUMBER: 3453868, PAGE 3 OF 4, TEXT/TABLE PAGE

March 10, 2003 28 16:17



This is a(n) COMPANY report.

TEXT:

...manufactures and distributes medical products, and through its subsidiary, Techdyne, Inc. ("Techdyne"), is an international **contract manufacturer** of electronic and electro-mechanical products, primarily for the data processing, telecommunications, instrumentation and food...

...a line of blood lancets used to draw blood for testing.

Techdyne is an international **contract manufacturer** of electro-mechanical and electronic products. Techdyne manufactures

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3/3,K/37 (Item 7 from file: 545)

DIALOG(R)File 545:Investext(R)

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08840782

**Medicore Inc. - History & Debt**

MOODY'S INVESTORS SERVICE, HISTORY & DEBT

Moody's Investors Service

NEW YORK (STATE OF)

DATE: November 28, 98

INVESTEXT(tm) REPORT NUMBER: 3429565, PAGE 3 OF 4, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...manufactures and distributes medical products, and through its subsidiary, Techdyne, Inc. ("Techdyne"), is an international **contract manufacturer** of electronic and electro-mechanical products, primarily for the data processing, telecommunications, instrumentation and food...

...a line of blood lancets used to draw blood for testing.

Techdyne is an international **contract manufacturer** of electro-mechanical and electronic products. Techdyne manufactures

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3/3,K/38 (Item 8 from file: 545)

DIALOG(R)File 545:Investext(R)

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08646341

**Medicore Inc. - History & Debt**

MOODY'S INVESTORS SERVICE, HISTORY & DEBT

Moody's Investors Service

NEW YORK (STATE OF)

March 10, 2003 29 16:17

DATE: October 10, 98

INVESTEXT(tm) REPORT NUMBER: 3400808, PAGE 3 OF 4, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...manufactures and distributes medical products, and through its subsidiary, Techdyne, Inc. ("Techdyne"), is an international **contract manufacturer** of electronic and electro-mechanical products, primarily for the data processing, telecommunications, instrumentation and food...

...a line of blood lancets used

to draw blood for testing.

Techdyne is an international **contract manufacturer** of electro-mechanical and electronic products. Techdyne manufactures

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3/3,K/39 (Item 9 from file: 545)

DIALOG(R)File 545:Investext(R)

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08552314

**Hurco Companies, Inc.**

NATCITY INVESTMENTS, INC.

Striebel, M.J.

INDIANA (STATE OF)

DATE: July 23, 98

INVESTEXT(tm) REPORT NUMBER: 3354191, PAGE 6 OF 16, TEXT PAGE

This is a(n) COMPANY report.

TEXT:

...which are simpler machine tools that do not have some of the features, such as **automatic tool changers**, that the more advanced machining centers have. Hurco has introduced two new models this year...

...vertical machining

centers, which have been designed and produced by one of Hurco's Taiwanese **contract manufacturers** and feature the Ultimax control system.

Press brakes -- Earlier this year, Hurco unveiled four new...

3/3,K/40 (Item 10 from file: 545)

DIALOG(R)File 545:Investext(R)

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08441907

**K-V Pharmaceutical Co. - History & Debt**

MOODY'S INVESTORS SERVICE.

Moody's Investors Service

NEW YORK (STATE OF)

DATE: July 11, 98

INVESTEXT(tm) REPORT NUMBER: 3284144, PAGE 1 OF 1, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...37 .37 .60

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Third **party** beneficiary to Investext. Under no circumstances  
shall Moody's have any liability relating to the...

**3/3,K/41 (Item 11 from file: 545)**  
DIALOG(R)File 545:Investext(R)  
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08417133

**K-V Pharmaceutical Co. - History & Debt**  
MOODY'S INVESTORS SERVICE.  
Moody's Investors Service  
NEW YORK (STATE OF)

DATE: July 4, 98  
INVESTEXT(tm) REPORT NUMBER: 3283048, PAGE 1 OF 1, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...37 .37 .60

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Third **party** beneficiary to Investext. Under no circumstances  
shall Moody's have any liability relating to the...

**3/3,K/42 (Item 12 from file: 545)**  
DIALOG(R)File 545:Investext(R)  
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08373399

**Medicore Inc. - History & Debt**  
MOODY'S INVESTORS SERVICE.  
Moody's Investors Service  
NEW YORK (STATE OF)

DATE: June 27, 98  
INVESTEXT(tm) REPORT NUMBER: 3278629, PAGE 3 OF 4, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...manufactures and distributes medical products, and through  
its subsidiary, Techdyne, Inc. ("Techdyne"), is an international  
**contract manufacturer** of electronic and electro-mechanical products,  
primarily for the data processing, telecommunications, instrumentation  
and food...

...a line of blood lancets used  
to draw blood for testing.  
Techdyne is an international **contract manufacturer** of  
electro-mechanical and electronic products. Techdyne manufactures

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**3/3,K/43 (Item 13 from file: 545)**

DIALOG(R)File 545:Investext(R)

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08079734

**K-V Pharmaceutical Co. - History & Debt**

MOODY'S INVESTORS SERVICE.

Moody's Investors Service

NEW YORK (STATE OF)

DATE: March 28, 98

INVESTEXT(tm) REPORT NUMBER: 3246037, PAGE 2 OF 2, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...08 .54 .70

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**3/3,K/44 (Item 14 from file: 545)**

DIALOG(R)File 545:Investext(R)

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07740481

**K-V Pharmaceutical Co. - History & Debt Report**

MOODY'S INVESTORS SERVICE.

Moody's Investors Service

NEW YORK (STATE OF)

DATE: December 8, 97

INVESTEXT(tm) REPORT NUMBER: 3221962, PAGE 2 OF 2, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...04 .14 .70

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**3/3,K/45 (Item 15 from file: 545)**

DIALOG(R)File 545:Investext(R)

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07608149

**NatSteel Electronics-Industry Perspectives - Industry Report**

MERRILL LYNCH CAPITAL MARKETS

Tan, B., et al

NEW YORK (STATE OF)

DATE: October 10, 97

INVESTEXT(tm) REPORT NUMBER: 2595705, PAGE 2 OF 5, TEXT/TABLE PAGE  
This is a(n) INDUSTRY report.

TEXT:

...activity

\* in general, the products manufactured are sold worldwide

In short the business characteristics and **dynamics** of **contract manufacturing** do not **change**, no matter where the company is headquartered or located.

(The same cannot be said for...

**3/3,K/46 (Item 16 from file: 545)**

DIALOG(R)File 545:Investext(R)

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07601349

**K-V Pharmaceutical Co. - History & Debt Report**

MOODY'S INVESTORS SERVICE

Moody's Investors Service

NEW YORK (STATE OF)

DATE: October 30, 97

INVESTEXT(tm) REPORT NUMBER: 3212047, PAGE 2 OF 2, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...04 .14 .70

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**3/3,K/47 (Item 17 from file: 545)**

DIALOG(R)File 545:Investext(R)

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07521353

**K-V Pharmaceutical Co. - History & Debt Report**

MOODY'S INVESTORS SERVICE

Moody's Investors Service

NEW YORK (STATE OF)

DATE: October 6, 97

INVESTEXT(tm) REPORT NUMBER: 3202543, PAGE 2 OF 2, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...04 .14 .70

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**3/3,K/48 (Item 18 from file: 545)**

DIALOG(R)File 545:Investext(R)

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07489734

**K-V Pharmaceutical Co. - History & Debt Report**

MOODY'S INVESTORS SERVICE

Moody's Investors Service

NEW YORK (STATE OF)

DATE: September 30, 97

INVESTEXT(tm) REPORT NUMBER: 3200214, PAGE 1 OF 2, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...and food companies.

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**3/3,K/49 (Item 19 from file: 545)**

DIALOG(R)File 545:Investext(R)

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07483924

**NatSteel Broadway - Company Report**

PEREGRINE SECURITIES INTERNATIONAL

Kean, S.T., et al

HONG KONG

DATE: September 2, 97

INVESTEXT(tm) REPORT NUMBER: 2582753, PAGE 8 OF 18, TEXT PAGE

This is a(n) COMPANY report.

TEXT:

...operations to complement its core business. Natsteel Broadway now has the flexibility to carry out **contract manufacturing** of almost any product type. While it is helpful to analyse its exposure to different...

**3/3,K/50 (Item 20 from file: 545)**

DIALOG(R)File 545:Investext(R)

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00151880

**SCI Systems, Inc. - Company Report**

SMITH BARNEY, HARRIS UPHAM & CO.

Seltzberg, B.

NEW YORK

DATE: January 30, 85

INVESTEXT(tm) REPORT NUMBER: 501546, PAGE 14 OF 18, TEXT/TABLE PAGE

This is a(n) COMPANY report.

TEXT:

...a manufacturing presence

in Europe and in Asia, SCI aims to assure itself of improved **component** availability by being in a position whereby it would be able to tap the European and Asian allocation pools for critical **components**, pay generally lower costs for such critical **parts** than otherwise obtainable, offer various marketing advantages to certain customers demanding a foreign source of...

3/3,K/51 (Item 1 from file: 589)  
DIALOG(R)File 589:FI Defense Market Intelligence  
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00004920

#### THE NETHERLANDS (MARKET OVERVIEW)

Binder: NATO/EUROPE  
Category: THE NETHERLANDS (MARKET OVERVIEW)  
Pub. Date: DECEMBER 01, 2002  
Source: Forecast International/DMS  
Language: English  
Word Count: 16193

Country: NETHERLANDS  
Industry: AEROSPACE AND DEFENSE  
Sections: FUTURE REQUIREMENTS, MANUFACTURING CAPABILITY, SECURITY  
ASSISTANCE, ARMS TRADE, RECENT TRANSACTIONS  
Binder Code: NE

...land (STOVL) - based on a single  
airframe, which would have about 80 percent of its **parts** in common.  
The commonality is expected to save hundreds of millions of dollars in  
maintenance...sale of  
128 Patriot Advanced Capability tactical guided missiles, trainers,  
support equipment, spare and repair **parts**, modification kits, fire  
solution computers, publications, and US government and contractor  
engineering logistics support services...behind the program is actually  
fairly simple: develop a high-mobility  
armored vehicle in two **parts**. The first is the standard drive module,  
which includes all automotive aspects of the vehicle...Rifle. The Dutch  
armed forces have  
selected the Diemaco 5.56 mm C7A1 rifle as **part** of a small arms  
replacement program and will receive 52,285 weapons. Diemaco's C7A1...the  
in-house design, development, and production of short-haul  
commercial airliners. It also manufactured **components** for other civil  
aircraft programs, including the Airbus A300/310 and Shorts 333/260,  
and...

...creditors on  
March 15, 1996. Financially self-sufficient units survived the  
bankruptcy and are now **part** of Fokker Aviation. These units include  
Fokker Aircraft Services, Fokker Elmo, Fokker Special Products, Fokker...

...civil/military aircraft assembly lines,  
flight testing center, and space systems facilities.  
Drechtsteden. Production of **components** for Fokker 50, Fokker 100, F-  
16, A300, A310, Shorts 330, Shorts 360, and Sherpa aircraft.

Hoogeveen. Production of aircraft **parts**, missile launchers, shelters,  
and fuel tanks.

Ypenburg. Production of aircraft **components** made of composite

March 10, 2003 35 16:17

material, and radomes and fairings for Lynx helicopter.

Woensdrecht. Overhaul, repair, and modification of civil and military aircraft; cable harnesses; electrical and electronic equipment; **components** for Patriot missile system.

#### Warships

The Netherlands has a long tradition of shipbuilding. The country...

...military trucks. The company also produces aircraft subsystems, including landing gear, helicopter transmissions, and structural **components**.

#### Ordnance

The following Dutch companies are suppliers of military ammunition: Eurometaal NV in Zaandam, Metaalwaren...

...Signaalapparaten (or Signaal) dominates the defense electronics industry in the Netherlands. The company was formerly **part** of the Philips conglomerate, but is now a subsidiary of Thales (formerly Thomson-CSF). Signaal...8.7 million increase (awarded by USAF for the Netherlands) for an F-16 engineering **change** proposal.

General **Dynamics** ' Fort Worth Division is now **part** of Lockheed Corp. In April 1993, Lockheed received a \$12.6 million contract increase from...220. Delivery of the upgrade kits is scheduled through 1999.

F-16 Engine Contracts. As **part** of the Netherlands' acquisition of the F-16, numerous engine contracts were awarded to United...missile rounds, and 60 lot acceptance missiles, plus simulators, support equipment, and spare and repair **parts**. The US would also provide a quality assurance team, technical data, and other logistical support...

...has an estimated cost of \$360 million.

The Dutch Army will use the missiles as **part** of its anti-tank ground forces. The prime contractor will be Javelin Joint Venture (Raytheon...

...confirmation of 128 Patriot

Advanced Capability tactical guided missiles, trainers, support equipment, spare and repair **parts**, modification kits, fire-solution computers, publications, and US government and contractor engineering logistics support services...

...delivery of 16 tactical missiles with warheads and eight telemetry missiles, plus containers, canisters, spare **parts**, technical assistance, as well as maintenance and logistics support.

Sidewinder Air-to-Air Missile. In...M109 155 mm self-propelled howitzers. The contract was awarded by the US Army.

Vehicle **Components**. PD Technical Mouldings received a contract of undisclosed value from the Dutch Ministry of Defense...dual-operator concept, and extension of the track radar system. ECCM improvements will also be **part** of the modernization.

GPS Equipment. In late 1989, the Royal Netherlands Navy ordered from Plessey...modem/controller, a Signaal ECCM interface, and off-the-shelf radio equipment. This study formed **part** of the Navy's contribution to NATO in defining an ECCM waveform for use at...



...The OPPAS was developed by the Dutch Physics and Electronics Laboratory (FEL-TNO), which is **part** of the TNO defense research organization.

OPPAS will be used to train minehunter crews to...

...communications for high-speed data and voice transmissions.

SIRIUS. In early 1995, Signaal received a **contract** to **manufacture** an electronics package for the Dutch-German-Spanish anti-aircraft frigates. As a joint venture...

3/3,K/52 (Item 2 from file: 589)  
DIALOG(R) File 589:FI Defense Market Intelligence  
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00001927

#### BAE SYSTEMS NORTH AMERICA

Binder: DEFENSE AND AEROSPACE COMPANIES  
Category: COMPANIES  
Pub. Date: SEPTEMBER 01, 2002  
Source: Forecast International/DMS  
Language: English  
Word Count: 11567

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Companies: TRACOR INC  
Sections: HEADQUARTERS, ORGANIZATION, PRODUCT AREA, FACILITIES, ANALYSIS  
, NEW PRODUCTS AND SERVICES, MERGERS/ACQUISITIONS/DIVESTITURES  
, TEAMING/COMPETITION/JOINT VENTURES, FINANCIAL  
RESULTS/CORPORATE STATISTICS, PRIME AWARD SUMMARY, PROGRAM  
ACTIVITY

Binder Code: AC

...in support of technical programs at the Naval Surface Warfare Center. BAE Systems Applied Technologies, **part** of BAE Systems North America, will provide technical and engineering services at the Center's...

...to spin off its Imaging Sensors business located at Milpitas, California. Imaging Sensors was previously **part** of BAE Systems Reconnaissance and Surveillance Systems of Syosset, New York. In the transaction, BAE...

...of high-technology electronic products. These products include avionics, aircraft satellite communications antennas, specialized electronic **components**, military radios, space electronics, infrared cameras, medium-and high-end global positioning systems, and marine...

...and navigation systems, automated mission-planning systems, microwave electronics, infrared sensors, and radiation-hardened digital **components** and systems for space applications. The AES businesses, with approximately 5,000 employees, had net...Canada to ONCAP, a Canadian investment firm, for \$208 million. The divestiture was driven in **part** by the acquisition of the Lockheed Martin AES unit. Thanks to the addition of Sanders...a US company as far as bidding for US Department of

Defense contracts is concerned. **Part** of the reason for this status is the lack of US-European interoperability. The US...The large number of units in the field will produce a steadily increasing spares/repair **parts** market. BAE Systems North America is the prime contractor on this program.

#### ALE-47

The ALE-47 Countermeasures Dispenser System (CMDS) is a microprocessor-controlled, **automatic** threat **adaptive** system that will carry a mix of expendables, including the next-generation active expendable jammers...

...longer in production.

However, funding is still being provided for BQR-15 spares and repair **parts**. BAE Systems North America is responsible for providing engineering services for the program.

#### MLQ-34...

...the EW portion of the Ground Based Common Sensor - Light and Heavy (GBCS-L/H). **Components** will be installed in the Advanced QUICK FIX helicopter. It will also be **part** of the US Marine Corps Mobile EW Support System (MEWSS). Marconi Aerospace's Electronic Systems...ATARS has been the focus of a number of projects. In addition, successful use of **component** sensors has led to revitalization of the US Navy/Marine segment of program. The US...Wide Aperture Array for the BSY-2.

#### Distributed Surveillance Systems

The Distributed Surveillance System is **part** of the US Navy's overall Integrated Undersea Surveillance System (IUSS). The Distributed Surveillance Systems...or more simply, a towed sonar system. Lockheed Martin is responsible for the towed array, **components**, and system integration.

#### SQR-501 CANTASS

The SQR-501 CANTASS is a towed array sonar...numerous contractors involved in this effort.

#### Defense Message System

The Defense Message System (DMS) is **part** of the Defense Communications System (DCS)/Defense Information Systems Network (DISN) that provides the long...

#### ...Command Authority

(NCA), combatant commanders (CINCs), the Services, Defense agencies, Joint Task Force commanders and **component** commanders, as well as others, with information processing and dissemination capabilities necessary to conduct command...

...contract in 1994 for the Army Global Command & Control System (AGCCS). AGCCS is the Army **component** of the GCCS and is being designed to enhance interoperability and minimize duplication among command...

Raytheon Company and is now

known as Raytheon Aircraft Company. Marconi Flight Systems won a **contract** for the **manufacture** of the MQM-107 in 1994. These companies will now compete with one another for...support of the

NATO Seasparrow Surface Missile System.

9/20/01 17.4

F09603-01-  
D-0450

**Components** in support of the ALE-47 countermeasure dispensing system for

various aircraft.

9...

3/3,K/53 (Item 3 from file: 589)  
DIALOG(R)File 589:FI Defense Market Intelligence  
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00001878

**IBM**

Binder: DEFENSE AND AEROSPACE COMPANIES  
Category: REPORTS  
Pub. Date: JULY 01, 2002  
Source: Forecast International/DMS  
Language: English  
Word Count: 2719

Country: UNITED STATES  
Industry: AEROSPACE AND DEFENSE  
Companies: IBM CORP  
Sections: HEADQUARTERS, ORGANIZATION, PRODUCT AREA, FACILITIES, ANALYSIS  
, NEW PRODUCTS AND SERVICES, MERGERS/ACQUISITIONS/DIVESTITURES  
, TEAMING/COMPETITION/JOINT VENTURES, FINANCIAL  
RESULTS/CORPORATE STATISTICS, PRIME AWARD SUMMARY, PROGRAM  
ACTIVITY

Binder Code: AC

...reorganized the  
Personal Systems segment and renamed it the Personal and Printing  
Systems segment. As **part** of the change, the Printing Systems Division  
was transferred from the Technology segment to the...layoffs. In the years  
ahead, the company expects to  
cut costs further by buying more **parts** from outside sources and  
expanding its **contract manufacturing**. In addition, Gerstner has begun  
to change IBM's tone with new products and a...

...With the company once again strong, Palmisano's task will be to find  
growth. As **part** of this effort, IBM is increasing its focus to include  
PCs, software, and networking products...

...is aimed at capturing a  
large chunk of the ever growing information technology industry.

With **dynamic change** the norm in the information technology industry,  
IBM's vision is a refreshing change for...of automation technology. IBM is  
a subcontractor on  
the CHS-II (Common Hardware and Software) **part** of the program.

NORAD Modernization

This program is a modernization of the various computer systems...

3/3,K/54 (Item 1 from file: 609)  
DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

00708858 BHJXKSC (USE FORMAT 7 FOR FULLTEXT)  
**FULL: Engineering Animation to provide e-Vis for CapacityWeb (B)**  
BRIDGENEWS GLOBAL MARKETS  
Wednesday, June 28, 2000 12:02 GMT  
JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

March 10, 2003 39 16:17

DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 607

...S  
ELITAS(TM) MEMBERS TO SHARE AND COLLABORATE ON 2D AND 3D PRODUCT SPECIFICATIONS AS **PART** OF THE BIDDING AND PROJECT MANAGEMENT PROCESS. WITH E-VIS, MULTIPLE PARTICIPANTS CAN SIMULTANEOUSLY VIEW...

...ANNOTATE THE SAME 2D AND 3D DATA IN REAL-TIME. IN ADDITION, THE E-VIS **AUTOMATIC** REVISIONING AND **CHANGE** NOTIFICATION FEATURES PROVIDE AN ONLINE RECORD OF COLLABORATIVE ACTIVITY.

"The e-Vis collaboration solution integrated...

...based CapacityWeb ( <http://www.capacityweb.com> ) is a solution provider to original equipment manufacturers and **contract manufacturers** for "built-to-order" engineered **parts** . Through their network of Elitas(TM) qualified members and a proprietary intelligent matching engine, CapacityWeb allows manufacturers worldwide to buy and sell engineered **parts** , capabilities and manufacturing capacity.

About EAI  
Engineering Animation, Inc. is the leader in Internet-enabled...

3/3,K/55 (Item 2 from file: 609)  
DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

00605794 BGBWTGB (USE FORMAT 7 FOR FULLTEXT)  
**FULL: Ingenuus supplies PCM application to ViewSonic (B)**  
BRIDGENEWS GLOBAL MARKETS  
Wednesday, May 3, 2000 13:45 GMT  
JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 697

...collaboration applications, today announced that ViewSonic Corporation has selected the Ingenuus PCM(TM) application to **automate** product **changes** .

PCM is **part** of the Ingenuus Applications for Virtual Manufacturing(TM), which provides applications for virtual manufacturers to...

...to manage our growing product lines."

Using Ingenuus applications, ViewSonic employees, value-added resellers (VARs), **contract manufacturers** , system integrators, and distributors will be able to collaborate on product designs and changes via...

3/3,K/56 (Item 3 from file: 609)  
DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

00504854 BFBJGVQ (USE FORMAT 7 FOR FULLTEXT)  
**FULL: V3 Semi, Virtual Integration in supply chain mgmt, solutions pact (B)**

BRIDGENEWS GLOBAL MARKETS

Wednesday, March 15, 2000 17:10 GMT

JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 816

...to supply product to the digital communications market.

By outsourcing its logistics to a third **party** company with expertise in this area, V3 remains focused on the design and marketing of...

...The end result is a collective business entity with high technical sophistication, one that is **dynamic** and quick to **adjust** to semiconductor market needs", says Steven Eng, Director of Manufacturing at V3 Semiconductor. "It will...

...to achieve global competitiveness in serving the demanding needs of electronics OEMs and their Electronic **Contract Manufacturers**."

"We're very excited to be working with a progressive semiconductor company, such as V3...

...Inventory (SMI) programs on a global basis for some of the world's largest Electronic **Contract Manufacturers** (ECM's), Suppliers, and Original Equipment Manufacturers (OEM's).

Materials Management services and other Value...

...tape and reeling and dry packing) provided by VIA, are designed to become an integral **part** of our customers' overall materials management and manufacturing strategy. VIA's materials management, combined with...

3/3,K/57 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00611923 20011030303B4724 (USE FORMAT 7 FOR FULLTEXT)  
**AeA Classic 2001 Presenter Profiles for Session 1; Premier Financial Conference Runs Next Week, Nov. 4-7 in San Diego, CA**

Business Wire

Tuesday, October 30, 2001 12:51 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 10,478

...and small

businesses and consumers. Adaptec's 20 years of success can be attributed, in **part**, to its ability to take a complex storage connectivity technology and make it mainstream. Today...anaren.com

Anaren Microwave, Inc. designs, manufactures and sells complex microwave signal distribution networks and **components** for the wireless communications, satellite communications and defense electronics markets.

Company: Ascential Software Corporation

Contact...E-mail: gnewhart@ctscorp.com

Web: www.ctscorp.com

CTS Corporation is a global electronic **components** and electronic assemblies manufacturer headquartered in Elkhart, Indiana, with manufacturing operations located throughout North America, Asia and Europe. The Company designs, manufactures, assembles and sells a broad line of electronic **components** and custom electronic assemblies for the

communications, computer and automotive markets, and has worldwide sales...

...through a direct sales force, manufacturers' representatives and distributors.

CTS's product lines serve OEM, **contract manufacturing** and distribution customers throughout the world, and its successful participation in these growth markets is...

...and existing technologies. Proprietary materials technology enables the Company to offer engineering solutions for electronic **components** packaging that will meet or exceed demanding customer specific requirements.

The Company's compounded annual...

...as masters to optically transfer circuit images onto silicon wafers and other types of electronic **components**.

DuPont Photomasks operates a global network of manufacturing facilities, serving semiconductor makers and other electronics...

...to the global electronics market. Our equipment is used in the manufacture of semiconductors, passive **components**, and electronic packages, which in turn are used in computers, communication products, automobiles, and a...

...and industrial products. Our equipment is based on core technology strengths in machine vision, precision **parts** handling and laser/material interaction.

In the fiscal year 2001, ended June 2, sales were...logic devices, or PLDs, and related system software. Programmable logic devices are widely-used semiconductor **components** that can be configured by the end customer as specific logic circuits, and enable the...

...telephony boxes, and automotive personal entertainment systems.

Microtune's products function as critical RF gateway **components** in these consumer electronics, propelling high-resolution video and high-speed data to and from...650 interface circuits that facilitate the management of data between processing, storage and I/O **components** thereby optimizing system performance. Pericom has four product lines, SiliconSwitch, SiliconInterface, SiliconClock and SiliconConnect. Worldwide customers include leading OEMs, **contract manufacturers** and distributors.

Company: Phoenix Technologies Ltd.

Contact: Dustin Dumas

Phone: 408-570-1142

E-mail...allow manufacturers to cost-effectively produce smaller, lighter power supplies with a reduced number of **components** ("highly integrated power supplies"). The company's patented EcoSmart technology that has been incorporated in...

...in cellular, PCS and 3G base stations throughout the world. Powerwave's amplifiers are key **components** in wireless communication base stations where they assist in the amplification of calls to the...Nasdaq:SRNA) is a global company providing software infrastructure products and consulting best practices that **automates change** to enterprise code and content. Serena is headquartered in Burlingame, California and maintains international offices...

...wireless

communications and Internet computing markets. SST's product families include high functionality flash memory **components**, flash mass storage products and 8-bit microcontrollers with on-chip flash memory. SST also...Microdevices (Nasdaq:SMDI) is a leading designer and supplier of high-performance radio-frequency (RF) **components** for communications equipment manufacturers. The company is headquartered in Sunnyvale, California, with design centers at...

...and Canada. SMDI offers a broad line of products that range in complexity from discrete **components** to integrated circuits and multicomponent modules. SMDI products are designed to meet the rapidly evolving...

...VCRs and integrated DVD+VCRs and California Audio Labs(TM) high-end home entertainment theater **components**.

Company: SpectraLink Corporation

Contact: Bob Husted, Investor Relations Manager

Phone: 303-583-5350

E-mail...

...a leading innovator of Global Positioning System (GPS) technology. In addition to providing advanced GPS **components**, Trimble augments GPS with

3/3,K/58 (Item 1 from file: 647)

DIALOG(R) File 647:CMP Computer Fulltext

(c) 2003 CMP Media, LLC. All rts. reserv.

00530141 CMP ACCESSION NUMBER: EBN19931129S0424

**Contractors Offer Tariff Dodge**

Darrell Dunn

ELECTRONIC BUYERS' NEWS, 1993, n 881, 1

PUBLICATION DATE: 931129

JOURNAL CODE: EBN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: News

WORD COUNT: 943

... be able to get the economies of scale of volume manufacturing.

"It's going to **change** the **dynamics** of how you think about sourcing," he said. "When you're using two different **contract manufacturers** on two continents, you're having to guess how the sales are going to be..."

...to make commitments at a time when the manufacturer has to go out and purchase **components**.

"If you're able to delay allocation between the two facilities until the boards are..."

3/3,K/59 (Item 1 from file: 654)

DIALOG(R) File 654:US PAT.FULL.

(c) FORMAT ONLY 2003 THE DIALOG CORP. All rts. reserv.

4031246 \*\*IMAGE Available

Derwent Accession: 1998-494410

Utility

REASSIGNED

M/ Multiple-function printer document deflector actuation coupled to service station actuation

Inventor: Gaarder, Glenn W., Ramona, CA  
 Stodder, Samuel A., Encinitas, CA  
 Palmer, Lynn D., Escondido, CA  
 Caputo, Dan S., San Diego, CA  
 Nguyen, Chan K., San Diego, CA  
 Assignee: Hewlett-Packard Co. (02), Palo Alto, CO  
 Hewlett-Packard Co (Code: 38859)  
 Examiner: Wiecking, David A. (Art Unit: 337)

|             | Publication<br>Number | Kind | Date     | Application<br>Number | Filing<br>Date |
|-------------|-----------------------|------|----------|-----------------------|----------------|
| Main Patent | US 5800083            | A    | 19980901 | US 96724297           | 19960919       |
| Priority    |                       |      |          | US 96724297           | 19960919       |

Fulltext Word Count: 8488

#### Description of the Invention:

...picking by the pick roller and easier access for accurate and proper loading between dual **adjustable** guides 76. The **automatic** action of the pressure plate 34 as described in more detail hereinafter also helps to...to be scanned or a sheet is to be printed. Rollers 218 are provided as **part** of a wet paper stacker (not shown) which functions to force the edges of the...All of the **parts** mentioned to this point are **part** of the service station assembly. The flapper 210 (document deflector) is mounted on the star...

...as modular as possible. The modular approach allows different assemblies to be assembled by different **contract manufacturers** then easily assembled to the top level product...spring. The down spring winding up prevents any damage from occurring to any of the **parts**. If the opposite scenario occurs, the flapper is manually forced down by a user, all...

...the platen ensures the most accurate flapper-to-paper distance as there are no other **parts** involved in the tolerance loop. The flapper follower continues to drive farther which merely winds...

...assemble-having to wind up a torsion spring then maintain its prewind while installing another **part** over the same post is almost impossible. To solve this problem an assembly hook 248b...

...of the bar on the keeper bottom crank. This will forcibly return a train of **parts** that has been caught...procedure will be very quiet (only be able to hear the well controlled movement of **parts** through their normal operating range). In a case where the stepper loses its position, it...follower, cam, carrier and back plate, respectively. These timing holes are all located while the **parts** are in the rest position (0 degrees of cam rotation). The above timing problems are...

...The skewer is used during assembly while assembling all the **parts**, therefore the above three solutions happen simultaneously. Also the skewer ensures all the **parts** are fully seated and would highlight any **part** problems...

3/3,K/60 (Item 1 from file: 753)  
 DIALOG(R)File 753:IBISWorld Market Research  
 (c) 2003 IBIS Bus Info Ltd. All rts. reserv.

00249139

Industry Participants: Player Performance

March 10, 2003 44 16:17



Main Title: Motor Vehicle Metal Stamping in the US (UNITED STATES)  
Pub. Date: January 2003  
Source: IBISWorld  
Telephone: 61-3-9650-2166  
Word Count: 1798 (3 pp.)  
Language: English

Country: UNITED STATES

Industry: AUTOMOTIVE, INDUSTRIAL AND MANUFACTURING

Company Names (DIALOG Generated): Aston Martin ; AutoAlliance International Inc ; Chrysler Group ; Daimler Benz ; DaimlerChrysler AG ; DaimlerChrysler Corporation ; Delphi Automotive ; Firestone ; Ford Motor Company ; Fuji Heavy Industries ; General Motors Corporation ; Honda ; Hyundai Motors ; Intier Automotive ; Isuzu Motors ; Land Rover Sports Utility ; Magna International Inc ; Mazda Corporation ; Mercedes Benz SA ; Mitsubishi Motors ; Subaru ; Suzuki ; SKD Automotive Group ; SKD Tooling Company LTD ; Tang Industries Inc ; Toyota ; Visteon Corporation ; Web

...some non-core activities so as to concentrate on manufacturing vehicles. It has spun-off **parts** maker Delphi Automotive.  
GM has consolidated its North American car and truck operations to cut...

...of price cuts from suppliers and engineering and design changes, some at the suggestion of **parts** makers. GM is seeking to cut the lead time from concept to delivery from 52 weeks to 44 weeks. GM's metal stamping activity is **part** of its general manufacturing activity and is not separately reported. In 2001, revenue attributable to...

...nameplates include Aston Martin, Ford, Jaguar, Lincoln, and Mercury vehicles. Ford has established its car **component** subsidiary, Visteon as an independent company. Ford owns a controlling (33 per cent) interest in...

...Mercury Villager minivan; Mercury Cougar coupe; and Lincoln Continental sedan. The metal stamping activity is **part** of Ford's general manufacturing activity and not reported separately. In 2001, revenue attributable to...

...Chrysler Group contributed 39 percent of total sales. The metal stamping activity of DaimlerChrysler is **part** of its general motor vehicle manufacturing activity and is not reported separately.

In 2001, revenue...in same period.

Visteon Corporation

Visteon is a global supplier of automotive systems, modules and **components**. Its primary clients are global vehicle manufacturers, and the worldwide aftermarket for replacement and vehicle appearance enhancement **parts**. It operates two business segments: Automotive Operations and Glass Operations. Based in Dearborn, Michigan, it...

...January 2000, and subsequently transferred to Visteon the assets and liabilities comprising Ford's automotive **components** and systems business. Ford completed its spin-off of Visteon on June 28, 2000. Visteon...

...The company, which employs around 1,900 people is based in Michigan and is a **contract manufacturer** of the Mercury

Cougar coupe and the Mazda 626 sedan.

Its stamping department has five automated transfer lines and stamps 75 percent of production **parts**. **Automatic** die **changes** can be completed in 10 to 15 minutes. Around 400 robots perform 97 percent of...

...Tang Industries, Inc.

SKD, based in Michigan is a tier one supplier of metal stampings, **components** and weldments to the automotive industry in North America.

In late 1999, the affiliated parent...

...to supply the local market with tooling.

The intermediate goal is to also supply production **parts** for the local market as well as export tooling.

In 2000, the SKD Automotive Group...

...million.

Magna International Inc

Ontario based Magna International is Canada's largest maker of auto **parts** and systems. Magna has about 165 manufacturing plants worldwide, mostly in Canada, the US, and Germany. Other than manufacturing metal body **parts**, the company also assembles automobiles, manufactures seating and interior systems, chassis, power trains and electronic...

3/3,K/61 (Item 1 from file: 759)

DIALOG(R)File 759:Reuters Business Insight

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00107828

#### **BUILDING VIRTUAL MASS THROUGH STRATEGIC ALLIANCES: 1.0 BUILDING VIRTUAL MASS THROUGH STRATEGIC ALLIANCES**

Main Title: The Pharmaceutical Mergers and Acquisitions Outlook 2001

Pub. Date: November 31, 2001

Source: DATAMONITOR

Telephone: +44 20 7675 7000

Word Count: 1553 (1 pp.)

Language: English

Country: WORLD

Industry: HEALTH CARE

Company Names (DIALOG Generated): Astra ; Bristol Myers Squibb ; Ciba ; Glaxo Wellcome ; GlaxoSmithKline ; Lilly ; M & A ; Merck & Co ; Monsanto ; Novartis ; Pfizer Inc ; Pharmacia & Upjohn ; R & D ; Rhone Poulenc Rorer ; Sandoz ; Sanofi ; Schering Plough ; SmithKline Beecham ; Warner Lambert ; Zeneca

...large companies, making any other competition impossible. However, with the 1999/2000 mergers, the industry **dynamic** has **changed** significantly. For the first time, a hostile takeover bid was successfully completed amongst the major...

...licensing agreements in R&D or marketing and relationships with contract services providers, such as **contract manufacturing**, contract research and contract sales organizations.

Virtual mass as a means of survival

Licensing and contract service agreements are **part** of the strategic toolkit of most pharmaceutical companies, even if they are not pursuing

virtual...

3/3,K/62 (Item 1 from file: 761)  
DIALOG(R)File 761:Datamonitor Market Res.  
(c) 2003 Datamonitor. All rts. reserv.

00091755

**TECHNOLOGICAL EXPERTISE & R&D PIPELINE: 6.0 TECHNOLOGICAL EXPERTISE AND R&D PIPELINE**

Main Title: PEPTIDE THERAPEUTICS GROUP PLC  
Pub. Date: February 10, 1998  
Source: DATAMONITOR  
Telephone: 0171 316 0001  
Word Count: 924 (1 pp.)  
Language: English

Country: WORLD  
Industry: BIOTECHNOLOGY  
Company Names (DIALOG Generated): Corvas ; Peptide Therapeutics ; Scios  
Nova ; Telios Pharmaceuticals ; Xoma

...high risk and it is likely to require high investment levels.  
These two variables are **dynamic** and will **change** as further development progress is made. For example a factor adding to the complexity of...  
...two axes. The development time to market is included in the matrix as a third **component**. The closer the technology is to commercial development the less likely it is that its...

...Scios Nova, Telios Pharmaceuticals and Xoma. There is also a small but significant market for **contract manufacture** of peptides, which in 1995 was worth approximately dollars 100m.

3/3,K/63 (Item 1 from file: 763)  
DIALOG(R)File 763:Freedonia Market Res.  
(c) 2003 Freedonia Group Inc. All rts. reserv.

00257622

**COMPANY PROFILES: TechTronic Industries Company**

Main Title: WORLD ELECTRIC HOUSEWARES & PERSONAL CARE APPLIANCES TO 2005  
Pub. Date: FEBRUARY 2002  
Source: THE FREEDONIA GROUP, INC.  
Telephone: (440) 684-9600  
Word Count: 659 (1 pp.)  
Language: English

Country: HONG KONG  
Industry: HOUSEHOLD PRODUCTS, PERSONAL CARE  
Company Names (DIALOG Generated): Appliance Products ; Electronic Products ; F & 24F ; Floor Care Appliance Products ; Geographic Sales ; Gimelli Laboratories ; Gimelli Produktions AG ; Key Products ; Other Products ; Power Tools ; Ryobi Limited ; Techtronic Appliances Holdings Company Limited ; TechTronic Industries Company Limited ; TTI ; Units A C & F ; Vax Limited

...well as a production facility in Australia, which is operated by the Vax Appliances Australia **Party** Limited subsidiary.

March 10, 2003 47 16:17

In addition, Vax maintains a joint venture in India with Videocon International Limited...

...with the ease of a broom.

In addition, the Floor Care Appliance Products division has **contract manufacturing** operations in North America. The division produces stick, upright, canister and handheld vacuum cleaners and...7624 toothbrush and model 7617 oral irrigator. The model 7624 toothbrush is equipped with an **automatic** voltage **adjustment** and has two speeds, an orbital brushing movement and splash-proof design. Other electric toothbrushes...

3/3,K/64 (Item 2 from file: 763)  
DIALOG(R)File 763:Freedonia Market Res.  
(c) 2003 Freedonia Group Inc. All rts. reserv.

00228261

#### INDUSTRY STRUCTURE: Marketing & Distribution

Main Title: PASSIVE COMPONENTS TO 2005

Pub. Date: MARCH 2001

Source: THE FREEDONIA GROUP, INC.

Telephone: (440) 684-9600

Word Count: 771 (1 pp.)

Language: English

Country: UNITED STATES

Industry: COMPUTERS AND ELECTRONICS

Company Names (DIALOG Generated): Arrow Electronics ; Avnet ; CMCs ;  
Department of Defense ; Kent Electronics

Given the intensely competitive nature of most segments of the passive **components** industry, it is hardly surprising that marketing strategies are critical determinants of success. Complicating matters...  
...of considerations.

Because they are designed for ultimate installation into OEM electronic systems, most passive **components** have traditionally been sold to manufacturers of electronic equipment and subsystems either directly via company...

...consideration has become increasingly important as electronic systems producers have moved to just-in-time **components** delivery, which forces more inventory management responsibilities onto suppliers of these **components**.

In addition, distributors maintain relationships with passive **components** manufacturers which produce more specialized, application-specific devices as well, allowing them to better supply a wide range of OEM electronic systems producers. Commodity-type passive **component**

products

tend to be highly price-sensitive and exhibit rigid demand curves, giving manufacturers little...staffs and the customer.

These developments, combined with the burgeoning size of the overall electronic **components** business over the past three-plus decades,

has

spawned a **components** distribution industry of sizable proportions.

It

includes a handful of firms with revenues in excess...

...500 million

(sometimes considerably in excess), a somewhat unusual situation among distributors of industrial OEM **component** products. Among the

larger

distributors, which have significant passive **components** operations,

are

Arrow Electronics, Avnet, Kent Electronics, Pioneer-Standard and TTI Incorporated. Distributors are particularly well suited for marketing standardized off-the-shelf **components** and can provide many

services,

including carrying inventory, financing, advertising, and, in some cases, even providing customers with technical service. Distributors can also assist customers in the purchase of related **components**

offered

by a variety of manufacturers. Large dealers of electronic and related **parts** publish comprehensive catalogs that include

detailed

specifications of **components**, together with prices for various

order

sizes.

However, OEMs are increasingly outsourcing production to

**contract**

**manufacturers** (CMs), which is beginning to **change** the **dynamics**

of the

passive **components** market. The use of CMs, which has been prevalent

for

some time in the computer...

...by electronic systems

producers, or by distributors. This creates a new supply chain for passive **components** manufacturers but also lowers the value of

their

existing relationships with customers. In response, a number of

passive

**component** suppliers are pushing for more standardized products,

which

are used in a number of electronic...

...large diversified CMs, which manufacture

systems for a number of industries, since using the same **part** in

a

variety of equipment allows for a more automated assembly line. In

addition, passive **component** producers are becoming more

vertically

integrated, especially in the connector segment. This integration allows the...

...the growing importance of both distributors and CMs

tends to favor larger manufacturers of passive **components**, which

have

the resources to produce a wide range of passive **components**,

vertically

integrate, or offer large volumes of products. The exception is smaller companies that offer...

...to increase

in importance, they will likely help to force continued consolidation in the passive **components** industry.

Selling to the military requires a completely different set of skills than selling to price, cost-plus-incentive or cost sharing type. Passive **component** suppliers often serve as subcontractors

to

prime vendors or to other subcontractors.

...

3/3,K/65 (Item 1 from file: 768)

DIALOG(R)File 768:EIU Market Research

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00008370

#### MANUFACTURING INDUSTRIES: CONSUMER PRODUCTS

Main Title: CORPORATE STRATEGIES FOR THE EURO 1998

Pub. Date: MAY 1998

Source: THE ECONOMIST INTELLIGENCE UNIT LIMITED

Telephone: (212)554-0600

Word Count: 1097 (2 pp.)

Language: English

Country: EUROPE

Industry: ECONOMIC OUTLOOK

...retailers. Some retailers also engage in consumer goods manufacture, either directly or through a third- **party contract manufacturer**, and there are many variations on the theme of how products move from completion at...

...marketing are also crucial. Increasingly, the economies of scale mean that consumer products companies buy **parts** and raw materials, and sell their wares, across Europe if not globally.

Economic effects

By...suppliers.

Re-engineering the supply chain

Rarely do the financial benefits of a major business **change** flow through to the suppliers **automatically**. This is also likely to be true in the case of EMU. The massive savings...

3/3,K/66 (Item 1 from file: 994)

DIALOG(R)File 994:NewsRoom 2001

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0324013820 15L80FHV

**QinetiQ's Secure e-Business Utilizes Enterasys Networks' Dragon Family for E-security-QinetiQ Secure e-Business Specialists Selects Dragon as one of**

its "Preferred IDS Solutions"

BUSINESS WIRE

Monday, September 17, 2001

JOURNAL CODE: ADZA LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 1,394

...and service companies,  
technological changes, intellectual property protection and related  
issues,  
dependence on suppliers and **contract manufacturers** , and potential  
volatility  
in operating results, among others. For a more detailed discussion of  
these...

3/3,K/67 (Item 1 from file: 995)

DIALOG(R)File 995:NewsRoom 2000

(c) 2003 The Dialog Corporation. All rts. reserv.

0177514077 15930FRW

**Canadian Canola Board Crush Margin at 15:32 CT**

FWN FINANCIAL NEWS

Friday, December 8, 2000

JOURNAL CODE: ALMF LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 4,444

...in the popularity of products, often caused by the  
publication of competitive industry benchmark results, **changes in**  
**dynamic**  
random memory devices pricing and other changes in the total system cost  
of  
add-in...

...by the PC market.

We expect that integrated graphics chipset products will become an  
increasing

**part** of the lower cost segment of the PC graphics market. We have only  
recently introduced a 3D graphics processor targeted at this segment, as

**part**  
of a joint development effort with ALi. If this product is not competitive  
in

this...ability of Taiwan Semiconductor Manufacturing Co., or TSMC, our  
primary

manufacturer, and any additional third- **party** manufacturers to effectively  
manufacture our new products in a timely manner;

. the quality of any...

...the most advanced semiconductor process  
technology

appropriate for our products and available from commercial third- **party**  
foundries. Use of advanced processes has in the past resulted in initial  
yield

problems. New...

...our holding excess inventory,  
either

of which would harm our business.

We rely on third- **party** vendors to supply us tools for the development of  
our

new products and we may...

...In the design and development of new products and product enhancements, we rely on third- **party** software development tools. While we currently are not dependent on any one vendor for the...

...or on terms acceptable to us. The failure to obtain a license from a third **party** for technology used by us could cause us to incur substantial liabilities and to suspend...

3/3,K/68 (Item 2 from file: 995)  
DIALOG(R)File 995:NewsRoom 2000  
(c) 2003 The Dialog Corporation. All rts. reserv.

0016004118 14Z0040P

**BUSINESS Agile**

PA NEWS

Monday, January 31, 2000

JOURNAL CODE: ANSG LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 906

...product evolves, all members of the supply chain - OEMs, contract manufacturers, and suppliers - can receive **automatic** updates on Engineering **Change** Orders (ECOs) via the MyAgile.com portal.

MyAgile.com supports the PDX (Product Definition eXchange...  
?



?show files;ds

File 2:INSPEC 1969-2003/Mar W1  
(c) 2003 Institution of Electrical Engineers

File 8:Ei Compendex(R) 1970-2003/Mar W1  
(c) 2003 Elsevier Eng. Info. Inc.

File 9:Business & Industry(R) Jul/1994-2003/Mar 07  
(c) 2003 Resp. DB Svcs.

File 13:BAMP 2003/Jan W4  
(c) 2003 Resp. DB Svcs.

File 16:Gale Group PROMT(R) 1990-2003/Mar 07  
(c) 2003 The Gale Group

File 20:Dialog Global Reporter 1997-2003/Mar 10  
(c) 2003 The Dialog Corp.

File 144:Pascal 1973-2003/Mar W1  
(c) 2003 INIST/CNRS

File 148:Gale Group Trade & Industry DB 1976-2003/Mar 06  
(c) 2003 The Gale Group

File 158:DIOGENES(R) 1976-2003/Mar W2  
(c) 2003 DIOGENES

File 180:Federal Register 1985-2003/Mar 10  
(c) 2003 format only The DIALOG Corp

File 211:Gale Group Newsearch(TM) 2003/Mar 07  
(c) 2003 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2003/Mar 07  
(c) 2003 The Gale Group

File 349:PCT FULLTEXT 1979-2002/UB=20030306,UT=20030227  
(c) 2003 WIPO/Univentio

File 541:SEC Online(TM) Annual Repts 1997/Sep W3  
(c) 1987-1997 SEC Online Inc.

File 542:SEC Online(TM) 10-K Reports 1997/Sep W3  
(c) 1987-1997 SEC Online Inc.

File 543:SEC Online(TM) 10-Q Reports 1997/Sep W3  
(c) 1987-1997 SEC Online Inc.

File 545:Investext(R) 1982-2003/Mar 10  
(c) 2003 Thomson Financial Networks

File 570:Gale Group MARS(R) 1984-2003/Mar 06  
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File 609:Bridge World Markets 2000-2001/Oct 01  
(c) 2001 Bridge

File 610:Business Wire 1999-2003/Mar 10  
(c) 2003 Business Wire.

File 613:PR Newswire 1999-2003/Mar 10  
(c) 2003 PR Newswire Association Inc

File 621:Gale Group New Prod. Annou. (R) 1985-2003/Mar 07  
(c) 2003 The Gale Group

File 649:Gale Group Newswire ASAP(TM) 2003/Mar 07  
(c) 2003 The Gale Group

File 654:US PAT.FULL. 1976-2003/Mar 04  
(c) FORMAT ONLY 2003 THE DIALOG CORP.

File 754:IPO Maven 1994-2000/Jul  
(c) 2000 OTIVA, Inc.

File 765:Frost & Sullivan 1992-1999/Apr  
(c) 1999 Frost & Sullivan Inc.

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 990:NewsRoom Current 2003/Mar 10  
(c) 2003 The Dialog Corp.

File 993:NewsRoom 2002/Jan-Nov  
(c) 2003 The Dialog Corporation

File 994:NewsRoom 2001  
(c) 2003 The Dialog Corporation

File 995:NewsRoom 2000

March 10, 2003 1 17:11

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| Set | Items | Description  |
|-----|-------|--|
| S1  | 154   | CONTRACT(2W)MANUFACTURER?(S)(TQM OR QUALITY?)(S)(SOFTWARE?<br>OR PROGRAM OR APPLICATION OR COMPUTERI? OR AUTOMAT?)(S)(SYSTE-<br>M? OR SOFTWARE OR PROGRAM OR CODE OR INSTRUCTION?)(3N)(CHANGE?<br>OR CHANGING OR ADJUST? OR RECONFIGUR? OR REPROGRAM?) |
| S2  | 58    | RD (unique items)  |

?t2/3,k/all

2/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7007723 INSPEC Abstract Number: B2001-09-0170E-021, C2001-09-7480-077

**Title: Transcollaborative manufacturing software binds OEM communities**

Author(s): Spera, J.

Author Affiliation: Aegis Ind. Software Corp., Horsham, PA, USA

Journal: Electronic Packaging and Production vol.41, no.7 p.40-2,  
44, 46-7

Publisher: Cahners Business Information,

Publication Date: June 2001 Country of Publication: USA

CODEN: ELPPA5 ISSN: 0013-4945

SICI: 0013-4945(200106)41:7L:40:TMSB;1-O

Material Identity Number: E259-2001-006

Language: English

Subfile: B C

Copyright 2001, IEE

...Abstract: help in these endeavours, because a single manufacturing information system had proven elusive. That has **changed**. Transcollaborative manufacturing (TCM) **software** now makes this massive amount of information available throughout the OEM communities in a controlled...

... act upon the same information, simultaneously. This creates a virtually integrated enterprise using a singular **software** system. This article focuses on the benefits of centralized information to electronics manufacturing services (EMS...

2/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6075652 INSPEC Abstract Number: B9812-2210D-025, C9812-7480-099

**Title: Flexibility in conformal coating for small to medium size users**

Author(s): Hynes, A.J.

Conference Title: Proceedings of the Technical Program. NEPCON West '98.  
Conference Part vol.1 p.89-96 vol.1

Publisher: Reed Exhibition, Norwalk, CT, USA

Publication Date: 1998 Country of Publication: USA 3 vol. 1546 pp.

Material Identity Number: XX98-01676

Conference Title: Proceedings of NEPCON West 98

Conference Sponsor: Electron. Packag. & Prod

Conference Date: 1-5 March 1998 Conference Location: Anaheim, CA, USA

Language: English

Subfile: B C

Copyright 1998, IEE

Abstract: Growing demand for specialized conformal coating **systems** has driven **change** in how **automation** manufacturers approach product design. Affordability, as well as increased savings over manual operations, has

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made **automated** conformal coating operations feasible for all applications. However, the needs of a high volume production facility and the small **contract manufacturer** differ greatly. The challenge is in finding products that are flexible enough to accommodate both markets successfully without sacrificing **quality**, throughput characteristics, and ease of operation. **Automated** systems must now be able to provide the end user with speed, accuracy, and the...

...Both large and small manufacturers need the ability to adapt to customer demands. In turn, **automation** has become more versatile than ever. The long term future conformal coating needs of a...

2/3,K/3 (Item 1 from file: 8)  
 DIALOG(R)File 8:EI Compendex(R)  
 (c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

05481286 E.I. No: EIP00025038613  
**Title: Next generation control system technologies promote solutions**  
 Author: Harrold, Dave  
 Source: Control Engineering v 47 n 1 2000. 5 pp  
 Publication Year: 2000  
 CODEN: CENGAX ISSN: 0010-8049  
 Language: English

...Abstract: the key in the value proposition equation. By 2005, contract manufacturers will require six-sigma **quality** for second, third, and fourth tier suppliers, and that's hard to achieve with un reliable or non-existent control and **automation** systems. Arenas ripe with technologies to **change** control and **automation system** designs include: communications; sensors; intelligent appliance (IA) silicon chips; and computing technologies.

2/3,K/4 (Item 1 from file: 9)  
 DIALOG(R)File 9:Business & Industry(R)  
 (c) 2003 Resp. DB Svcs. All rts. reserv.

02863518 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Ready, fire, aim**  
**(E-commerce may total \$5.701 tril in 2004, 29% of all commerce; Flextronics International aims to spread e-business across customer base)**  
 Electronic Business, v 26, n 7, p 80+  
 July 2000  
 DOCUMENT TYPE: Journal; Industry Overview ISSN: 1097-4881 (United States)  
 LANGUAGE: English RECORD TYPE: Fulltext  
 WORD COUNT: 3725

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Web-based supply chain applications. The developers include Calico Commerce Inc., (configuration and ordering), Agile **Software** Corp., (product **change** management and material sourcing; see Agile sidebar, page 86), Supplybase Inc., (design collaboration) and DataSweep Inc., (component and product tracking on the manufacturing floor). Flextronics also offers customers a homegrown **application** it calls "Virtual Factory," which allows for browser-based monitoring of yields, defects and other **quality** related factors. Flextronics has an equity stake in some of these partners, such as Calico

2/3,K/5 (Item 1 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01174499 02530075 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Ready, fire, aim**

(Keys to successful e-business include recognition that single e-solution may not work for every customer, that company's culture must be ready and there must be a high degree of trust with customers)

Article Author(s): Roberts, Bill

Electronic Business, v 26, n 7, p 80-88

July 2000

DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2894

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Web-based supply chain applications. The developers include Calico Commerce Inc., (configuration and ordering), Agile **Software** Corp., (product **change** management and material sourcing; see Agile sidebar, page 86), Supplybase Inc., (design collaboration) and DataSweep Inc., (component and product tracking on the manufacturing floor). Flextronics also offers customers a homegrown **application** it calls "Virtual Factory," which allows for browser-based monitoring of yields, defects and other **quality** related factors.

Flextronics has an equity stake in some of these partners, such as Calico ...

2/3,K/6 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

10008208 Supplier Number: 90569423 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports Third Quarter 2002 Results.**

Business Wire, p0074

August 21, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1576

... factors include, among others, changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control **systems** and **software** products, **changes** in manufacturing markets, innovations by competitors, **quality** and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

Hurco Companies, Inc...

2/3,K/7 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

09766911 Supplier Number: 85627648 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Announces \$4.5 Million First Mortgage Financing; Extension of Bank Credit Agreement.**

Business Wire, p2737

May 9, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 468

... factors include, among others, changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control **systems** and **software** products, **changes** in manufacturing markets, innovations by competitors, **quality** and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

2/3,K/8 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

09452998 Supplier Number: 83071023 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports First Quarter 2002 Results.**

Business Wire, p2102

Feb 20, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 997

... factors include, among others, changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control **systems** and **software** products, **changes** in manufacturing markets, innovations by competitors, **quality** and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

Hurco Companies, Inc...

2/3,K/9 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

08922782 Supplier Number: 77396230 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Companies, Inc., Reports Third Quarter Results; Wednesday, August 22, 2001 at 8:00 am ET.**

Business Wire, p2148

August 22, 2001

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1794

... industry, including among others: changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control **systems** and **software** products; **changes** in manufacturing markets; foreign currency exchange factors; innovations by competitors; **quality** and delivery performance by our **contract manufacturers** : and governmental actions and initiatives, including import and export restrictions and tariffs. We undertake no...

2/3,K/10 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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March 10, 2003 5 17:11

08787387 Supplier Number: 76421818 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Announces Cost Reduction Program.**

PR Newswire, pNA

July 10, 2001

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 692

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

2/3,K/11 (Item 6 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

08354829 Supplier Number: 70726100 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports First Quarter 2001 Results.**

PR Newswire, pNA

Feb 22, 2001

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1406

... factors include, among others, changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control **systems** and **software** products, **changes** in manufacturing markets, innovations by competitors, **quality** and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

HURCO COMPANIES, INC...

2/3,K/12 (Item 7 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

08115067 Supplier Number: 67626243 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports Fiscal 2000 Results.**

PR Newswire, pNA

Dec 6, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1828

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

2/3,K/13 (Item 8 from file: 16)

March 10, 2003 6 17:11

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07712357 Supplier Number: 64331108 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports Third Quarter Results.**

PR Newswire, pNA

August 17, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1569

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

**2/3,K/14 (Item 9 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

07689119 Supplier Number: 63964664 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Announces Settlement of Patent Claim.**

PR Newswire, pNA

August 9, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 444

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

**2/3,K/15 (Item 10 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

07685522 Supplier Number: 63942555 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports Favorable Jury Verdict On IMS Patent Claim.**

PR Newswire, pNA

August 8, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 443

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

2/3,K/16 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07420157 Supplier Number: 62445714 (USE FORMAT 7 FOR FULLTEXT)  
**Hurco Announces New Directors: Consolidation of North American Sales and Service Operations.**  
PR Newswire, pNA  
May 24, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 613

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

2/3,K/17 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07413474 Supplier Number: 62435736 (USE FORMAT 7 FOR FULLTEXT)  
**Hurco Reports Second Quarter Results 2000.**  
PR Newswire, pNA  
May 17, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1509

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

2/3,K/18 (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06841894 Supplier Number: 57890654 (USE FORMAT 7 FOR FULLTEXT)  
**HURCO REPORTS FISCAL 1999 RESULTS.**  
PR Newswire, p3291  
Dec 2, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1668

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in



manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

**2/3,K/19 (Item 14 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06352664 Supplier Number: 54676505 (USE FORMAT 7 FOR FULLTEXT)  
**Hurco Reports Second Quarter Results.**  
PR Newswire, p4238  
May 20, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1543

... include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

**2/3,K/20 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

27634510 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Hurco Reports First Quarter 2003 Results**  
BUSINESS WIRE  
February 19, 2003  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1091

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... software products, changes in manufacturing markets, innovations by competitors, quality and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

Hurco Companies, Inc...

**2/3,K/21 (Item 2 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

23044837 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Thetis Technologies, Inc. Expands Operations; Founder, Chairman, and CEO Joins Management Team in U.S.**  
BUSINESS WIRE  
May 28, 2002  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 774

... May 28, 2002--Thetis Technologies, Inc., a leading provider of

comprehensive product-lifecycle management (PLM) **software** for the electronics industry, announces it is expanding its operations with the relocation of its...

... enterprise-resource planning (ERP) systems that will allow Thetis Technologies' ThetisPro(TM) and ThetisPDM(TM) **software** to better integrate with programs developed by these vendors. Mr. Halachmi also wants to establish...

... to their requirements." About ThetisPro(TM) Thetis Technologies' revolutionary ThetisPro(TM) is the first PLM **program** to combine all the essential elements of product-data-management (PDM) and ERP in a system that fully **automates** and synchronizes the business processes in high-tech companies. The web-native **application** suite is the first of its kind to provide a comprehensive solution that is specifically...

... is introduced in a CAD system, for example, it is exported to ThetisPro(TM). The **program** then **automatically** generates an Engineering Change Order (ECO) and instantly calculates the impact of the change on...

... rule-driven approval process is launched and, subject to the ECO approval, all BOMs are **automatically** revised, and appropriate actions taken with affected vendors and customers. About Mr. Halachmi Mr. Halachmi ...

... directly impact financial performance by shortening time to volume, reducing operating cost and managing product **quality** in the face of rapidly changing technology and business climate. Thetis **software** has been used successfully in the field since 1998. ThetisPro(TM) and ThetisPDM(TM) are...

2/3,K/22 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

18444503 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Hurco Companies, Inc., Reports Third Quarter Results; -2-**  
BUSINESS WIRE  
August 22, 2001  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 785

... manufacturing markets; foreign currency exchange factors; innovations by competitors; quality and delivery performance by our **contract manufacturers** : and governmental actions and initiatives, including import and export restrictions and tariffs. We undertake no...

2/3,K/23 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

16811977  
**Hurco Reports Second Quarter Results 2001 -2-**  
PR NEWSWIRE  
May 22, 2001  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 622

...changes in manufacturing markets, (iii) innovations by competitors, (iv) quality and delivery performance by our **contract manufacturers** and

(v) governmental actions and initiatives including import and export restrictions and tariffs. For more...

... 19,915 Less accumulated depreciation and amortization (11,308) (11,122)  
8,656 8,793 **Software** development costs, less amortization 3,127 3,326  
Investments and other assets 4,574 3...

2/3,K/24 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

16559328 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Hurco Enters Into Development and License Agreement With Manufacturing Data Systems**  
PR NEWSWIRE  
May 08, 2001  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 480

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... changes in manufacturing markets, (iii) innovations by competitors,  
(iv) quality and delivery performance by our **contract manufacturers** and  
(v) governmental actions and initiatives including import and export  
restrictions and tariffs.  
MDSI and...

2/3,K/25 (Item 6 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

14101540  
**Hurco Reports Fiscal 2000 Results -2-**  
PR NEWSWIRE  
December 06, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 652

...changes in manufacturing markets, (iii) innovations by competitors,  
(iv) quality and delivery performance by our **contract manufacturers** and  
(v) governmental actions and initiatives including import and export  
restrictions and tariffs. For more...

... 1,005 Less accumulated depreciation and amortization (11,122) (11,165)  
8,794 8,951 **Software** development costs, less amortization 3,326 3,951  
Other assets 3,934 3,874 \$65...

2/3,K/26 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

15268092 SUPPLIER NUMBER: 95202931 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Hurco Reports Fourth Quarter FYE 2002 Results.**  
Business Wire, 2333  
Dec 11, 2002  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1397 LINE COUNT: 00217

... in general economic and business conditions that affect demand for

machine tools, computer numerical control **systems** and **software** products, **changes** in manufacturing markets, innovations by competitors, **quality** and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

- FINANCIAL TABLES FOLLOW...

2/3,K/27 (Item 1 from file: 158)

DIALOG(R)File 158:DIOGENES(R)

(c) 2003 DIOGENES. All rts. reserv.

00436378 DIOGENES RECORD NUMBER: 194857

**WARNING LETTER (REGULATORY LETTER) 10/6/95 TO RENAISSANCE TECHNOLOGIES: IQ SYSTEM NON - INVASIVE HEMODYNAMIC MONITORING DEVICE PP: 2.**

DEVICE CLASSIFICATION: IQ SYSTEM NON - INVASIVE HEMODYNAMIC MONITORING DEVICE.

COMPANY NAME: RENAISSANCE TECHNOLOGIES NEWTOWN, PENNSYLVANIA

SOURCE: FOI SERVICES FULL TEXT (FT).

PUBLICATION DATE: October 6, 1995 (19951006)

... change control procedures such as for documenting and approving changes to software.

Failure of the **quality** assurance **program** to identify, recommend, or provide solutions for **quality** assurance problems and verify the implementation of such solutions, as required by 21 CFR (SECTION) 820.20(a)(3). For example, because Renaissance has no written agreement with its **contract manufacturer** for the **IQ System**, device and manufacturing **changes** made by the **contract manufacturer** which were not formally approved.

This letter is not intended to be an all - inclusive...

2/3,K/28 (Item 1 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 03138365

Supplier Number: 67217156

**Control of Emissions From Nonroad Large Spark-Ignition Engines, and Recreational Engines (Marine and Land-Based)**

Volume: 67 Issue: 217 Page: 68242

CITATION NUMBER: 67 FR 68242

Date: Friday, November 8, 2002

TEXT:

... consistent combustion. We generally believe that engine manufacturers should design their engines to operate with **automatic** feedback controls as much as possible to avoid the need for operators to manually **adjust** engines. However, in cases involving these noncommercial fuels, there is no way to improve the...

2/3,K/29 (Item 2 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 03119784

Supplier Number: 67132169

**Reporting of Information and Documents About Potential Defects Retention of Records That Could Indicate Defects**

Volume: 67 Issue: 132 Page: 45822

CITATION NUMBER: 67 FR 45822

Date: Wednesday, July 10, 2002

TEXT:

... subsidiary corporation to produce Japanese parent's documents where parent had participated in negotiations over **contract** which became subject of present litigation) citing, Gerling Int'l Ins Co. v. Commissioner of...higher, since they included many more manufacturers, and many of those manufacturers are not as **computerized** today as the light vehicle manufacturers. Manufacturers contested most of our estimates.

Based on comments... 576.5(c) would be inconsistent with the proposed sections on "Scope" (576.1) and "**Application**" (576.3) of Part 576.

We acknowledge the inconsistency. However, we are addressing it by... enough that the company would be able to use its existing computers with commercially available **software** to prepare its reports, without having to invest in a new computer system. However, we...

2/3,K/30 (Item 3 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 03033602

Supplier Number: 65093168

**Federal Motor Vehicle Safety Standards; Occupant Crash Protection**

**Volume: 65 Issue: 93 Page: 30680**

**CITATION NUMBER: 65 FR 30680**

Date: Friday, May 12, 2000

TEXT:

... manufacturers from selecting the low risk deployment option. The reason for this is that the **manufacturers** claim it is difficult to design dual stage air bags that could both meet the...special problems, however. While much work is currently being done on the development of dynamic **automatic** suppression systems (DASS), the technology is still not mature. In addition, a number of different...install advanced air bags prior to the established phase-in schedule, perhaps through an incentive **program**.

We have decided to implement a two-stage phase-in for advanced air bags. In... air bags with new air bags having some advanced attributes, i.e., attributes that will **automatically** minimize or avoid the risks created by current air bags, an interim solution was needed...moved back to the next detent that allows for clearance, or, in the case of **automatic** seats, until a maximum of 5mm (0.2 in) of clearance is achieved. Likewise, in...

2/3,K/31 (Item 4 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02305669

Supplier Number: 940102362

**Electric Power Generation, Transmission, and Distribution; Electrical Protective Equipment**

**Volume: 59 Issue: 20 Page: 4320**

**CITATION NUMBER: 59 FR 4320**

Date: MONDAY, JANUARY 31, 1994

TEXT:

... testimony that tagout is effective in the electric utility industry because, among other things, the **program** provides for extensive training and reinforcement of the elements of the tagout procedures (Ex. 3...

... efficacy of the training; it only provides an indication that training

has been performed. The **quality** and content of the training are not evaluated through the certification of performance. As noted...

... has been adequately trained, OSHA will examine the employee's responsibilities under the energy control **program** in relation to the elements of the standard.

In paragraph (d)(3) of final Sec...

2/3,K/32 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00806383

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING  
DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
AND METHOD THEREOF  
PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES  
STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN  
ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET  
PROCEDE ASSOCIE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill  
Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139029 A2 20010531 (WO 0139029)

Application: WO 2000US32309 20001122 (PCT/WO US0032309)

Priority Application: US 99444655 19991122; US 99444886 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 157840

Fulltext Availability:

Detailed Description

Detailed Description

... directed to a computer program product comprising a computer readable  
medium having control logic (computer **software** ) stored therein. The  
control logic, when executed by the processor 2801, causes the processor  
2801...the backbone until they reach a router that can deliver the  
datagram directly.

102

The **changing** face of the internet world causes a steady inflow of new  
systems and technology.

The...

2/3,K/33 (Item 1 from file: 541)  
DIALOG(R)File 541:SEC Online(TM) Annual Repts  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

0865494

COMMONWEALTH ENERGY SYSTEM

- 1994 Annual Report

Publication Date: 12/31/94

TEXT:

...committed to working with the communities we serve to improve both economic life and the **quality** of life. COM/Electric employees contributed generously to the United Way, supported by company matching...

...by 8 percent over the prior year.

As part of' our ongoing school safety education **program** , we produced "The Shocking Truth," a video designed to teach elementary school children about electrical safety. The **program** has enjoyed an excellent response from students and is now being marketed nationally.

Demonstrating their...

...providing real  
stewardship.

"Green Saver," COM/Electric's innovative, first-in-the-state energy conservation **program** introduced last year, put out a call to energy service companies to develop and deliver...

...in  
New England to pass rigid federal requirements for emissions monitoring, resulting in improved air **quality** for Cape Cod.

Canal Electric is well along in the conversion of one of its...

...units from oil to clean-burning natural gas. Dual-fuel capability will further improve air **quality** and offer the company leverage in purchasing the lower-cost fuel.

We continue a **program** started several years ago with the Commonwealth of Massachusetts to erect nesting platforms for the osprey (fish hawk). The osprey had become nearly extinct in our region before the **program** began.

#### CHANGES in PUBLIC PERCEPTION

Our annual customer survey tells us that our hard work and commitment to **quality** , reliable service, community life and the environment have been successful. Customer satisfaction with the company...

...rate structure for off-peak hours that enabled the manufacturer to win an important production **contract** . The **manufacturer** 's ability to hold down costs has brought jobs to New Bedford and benefits to...

...new and creative partnerships with our customers in order to provide them with responsive, high **quality** and cost-effective service.

...

2/3,K/34 (Item 1 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

2490711  
RAVEN INDUSTRIES INC - 1997 10K Report

Publication Date: 01/31/97

TEXT:

...mixture or strength  
prescribed by him for each area plotted. The system can control the  
**application** of various chemicals--liquid, granular, or nitrate  
fertilizer (NH3).

Raven also introduced a new line...

...to seek optimum soil depth based on moisture  
retention, drainage and emergence. The height control **system** for  
combines senses **changes** immediately in front of the cutter and allows  
height position with one-half inch accuracy...

...in electronic and mechanical design as well as  
value-engineering in an environment where Total **Quality** Manufacturing  
( **TQM** ) has been emphasized for years and the company holds ISO 9002  
certification.

Raven is now firmly established as a superior- **quality contract**  
**manufacturer** and its management expects to maintain a 20% or better  
annual growth rate in this...

...core business--primarily feed mills and chemical and industrial plants.

During the past year the **automation** of a large chemical plant for an  
international company was successfully completed. This \$1 million...

2/3,K/35 (Item 2 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

2176629  
BIOJECT MEDICAL TECHNOLOGIES INC - 1996 10K Report

Publication Date: 03/31/96

TEXT:

...not qualify for the 510(k)  
procedure, the manufacturer must file a premarket approval ("PMA")  
**application** . A PMA must show that the device is safe and effective and  
is generally a...

...Company to market a hand-held CO2-powered jet  
injection system. Although the Biojector 2000 **system** incorporates  
**changes** from the **system** with respect to which the Company's 1987 510(k)  
marketing clearance was received and...

...filled syringes by  
pharmaceutical companies will require prior approval via a New or  
amended Drug **Application** ("NDA") or an Abbreviated New Drug **Application**  
("ANDA"). An NDA is a complex submission required to establish that a



drug will be...

...Forward Looking Statements" and "Risk Factors - Government Regulation."

The FDA also regulates the Company's **quality** control and manufacturing procedures by requiring the Company and its **contract manufacturers** to demonstrate compliance with current Good Manufacturing Practice ("GMP") Regulations. These regulations require, among other...devices.

The Company had in place a distribution agreement with Kobayashi Pharmaceutical Co. Ltd. An **application** was made to the Japan Ministry of Health and Welfare to obtain the necessary approvals...

2/3,K/36 (Item 3 from file: 542)  
DIALOG(R)File 542:SEC Online(TM) 10-K Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1018551

**BASE TEN SYSTEMS INC** - 1992 10K Report

Publication Date: 10/31/92

TEXT:

...but continues to provide spare parts. The Company has received initial funding to supply additional **software** to the Tornado **program** and has recently reached an agreement on a contract valued at \$7.5 million for this **software** and for design and development effort for equipment to provide advanced mission capability. The Company...

...developing its weapons control systems, the Company has supplied McDonnell Douglas Helicopter Co. as a **contract manufacturer** of electronic systems used aboard the Apache helicopter, and more recently has become a **contract manufacturer** for the General Electric Co., McDonnell Douglas Missiles and Space Company, and SPD Technologies. The...

...development and sale of products for secure communication systems including the development of related custom **software**.

**Change** of Business Direction

Beginning in the second half of fiscal 1990, the company experienced significantly...

...which the Company does business, a winding down of the production phase of the Tornado **program**, cost curtailment lagging the decrease in its business and the closing of certain operations, as...

...the redeployment of its resources and significantly to reduce its costs.

In furtherance of the **program**, a number of the Company's operations were discontinued and its labor force and related...

...products resulting from its work on weapons control programs, its ability to manufacture to stringent **quality** standards and particularly, its expertise with safety critical **software**.

Sale of Certain Operations. In March 1992, the Company completed the sale of its German...

March 10, 2003 17 17:11

...the foreseeable future  
due to the substantial completion of the manufacturing phase of the  
Tornado **program**, the Company believes that the terms of the sale were as  
favorable as could have...

2/3,K/37 (Item 1 from file: 543)  
DIALOG(R)File 543:SEC Online(TM) 10-Q Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1936177  
DII GROUP INC - 1997 10Q Report

Publication Date: 03/30/97

TEXT:

...top down ensures that the  
same information structure and system is established throughout the  
various **contract manufacturers**. The most significant windows of  
opportunities lie at the start of the design and waiting...

...global control over test systems, both test fixtures and  
test programs.

5. Coordinate test platform **changes** to maintain identical **systems**.
6. Establish a flexible development plan that enhances product  
development and not hinders it.

By...

...that would be required. Test support would be  
needed immediately at the start of the **program** and would also be  
required globally to ensure full implementation of the strategy. Since  
SDD...

...development cycle precluded the possibility of  
creating an internal infrastructure in time to support the **program**.

There was another immediate benefit to pre establishing the strategic  
objectives. The objectives stated by...

...and coordination between numerous organizations within the San Diego  
Division, AMMO, TTI Testron and the **contract manufacturers**. The  
objectives always enables a starting point of reference and serves as  
the foundation for...

...task.

CHALLENGE TWO: DEFINING THE ROLES AND RESPONSIBILITIES OF BOTH THE  
INTERNAL SUPPORT PERSONNEL AND **CONTRACT MANUFACTURER**.

A crucial step in establishing the partnership is defining the  
responsibilities of the individual and...

...the project  
itself evolves. Organizations are changing and as new people are added  
to the **program** expectations can **change**. It is absolutely critical that  
the team members re-calibrate themselves, especially for the supplier...

...more severe to him.  
So it is imperative that one road maps out the various **program changes**

and establishes the expectations of the team members for the various **program** stages. One of the major objectives of outsourcing the test development is to accomplish more... use of the deliverable list is to verify and track the effectiveness of the test **program** and fixtures. As one passes through each phase of the **program** development and produces a certain number of units, one can monitor the **quality** levels and then review the robustness of the test **program**. And then intelligently make the necessary modifications to the test platform and **program** to obtain the desired **quality** levels.

CHALLENGE FOUR: COORDINATING AND MANAGING TEST DEVELOPMENT DURING THE PRODUCT DEVELOPMENT PHASES.

...

2/3,K/38 (Item 2 from file: 543)  
DIALOG(R)File 543:SEC Online(TM) 10-Q Reports  
(c) 1987-1997 SEC Online Inc. All rts. reserv.

1637088  
**SPECTRASCIENCE INC - 1996 10Q Report**

Publication Date: 06/30/96

TEXT:  
...on the  
Company's business, financial condition and results of operations.

#### DEPENDENCE ON CONSULTANTS AND **CONTRACT MANUFACTURERS**

The Company has entered into consulting agreements with a number of individuals and business organizations who are currently providing management, **software** development, and regulatory compliance and submissions. Risks attendant to the use of consultants include their competence and availability on short notice. The Company also relies on **contract manufacturers**. The **contract manufacturers** are subject to audit by the FDA, and there can be no assurance that they will be in compliance with applicable FDA regulations. Additional risks associated with the use of **contract manufacturers** include manufacturing priorities and the resultant ability to obtain products on a timely basis, and...

...Such losses have resulted principally from expenses incurred in the Company's research and development **program**, the acquisition of new technology, and, to a lesser extent, from general and administrative expenses...

...it must manufacture its products in accordance with regulatory requirements, in commercial quantities, at appropriate **quality** levels and at acceptable costs. The Company intends to market and sell some of its...commercialized by the Company, market acceptance of these products could be adversely affected. Furthermore, significant **changes** in the healthcare **system** of the United States and other countries could have a substantial impact over time on...

2/3,K/39 (Item 1 from file: 545)

March 10, 2003 19 17:11

DIALOG(R)File 545:Investext(R)  
(c) 2003 Thomson Financial Networks . All rts. reserv.

10019716

**Agile Software Corp: Initiating Coverage**  
NEEDHAM & COMPANY  
Williams, B.C.  
NEW YORK (STATE OF)

DATE: September 15, 99  
INVESTEXT(tm) REPORT NUMBER: 3702683, PAGE 14 OF 39, TEXT PAGE  
This is a(n) COMPANY report.

TEXT:

...feature illustrates one of the key benefits of  
entire supply chains standardizing on Agile's **software** -- if all  
participants in a supply chain are using Agile Anywhere, the security  
and administrative...

...or heavily customized versions of the same system), a contract  
manufacturer would have to build **software** bridges to each different  
product change management system, sinking into a morass of expensive  
and...

...in the finished product.  
Vertically integrated manufacturers have had a hard enough time  
ensuring component **quality** ; in a global supply chain environment where  
many local sources for commodity parts exist, supply...

**2/3,K/40 (Item 1 from file: 609)**

DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

01843845 BTFDCXH (USE FORMAT 7 FOR FULLTEXT)

**FULL: Hurco Cos to cut US workforce 20% (B)**

BRIDGENEWS GLOBAL MARKETS

Tuesday, July 10, 2001 13:04 GMT

JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 979

...include, among others, (i) changes in general economic and business  
conditions  
that affect demand for **computerized** machine systems, computer numerical  
control systems and **software** products, (ii) **changes** in manufacturing  
markets,  
(iii) innovations by competitors, (iv) **quality** and delivery performance  
by our  
**contract manufacturers** and (v) governmental actions and initiatives  
including  
import and export restrictions and tariffs.

For more...

**2/3,K/41 (Item 2 from file: 609)**

DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

01655409 BRPNDWM (USE FORMAT 7 FOR FULLTEXT)

**FULL: Manufacturing Data Systems licenses software to HURCO (B)**

March 10, 2003 20 17:11

BRIDGENEWS GLOBAL MARKETS

Tuesday, May 8, 2001 15:30 GMT

JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 638

...include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

n  
MDSI...

2/3,K/42 (Item 3 from file: 609)

DIALOG(R)File 609:Bridge World Markets

(c) 2001 Bridge. All rts. reserv.

00831701 BJPYMWL (USE FORMAT 7 FOR FULLTEXT)

**FULL: Hurco Cos Q3 net 7c shr vs 7c (B)**

BRIDGENEWS GLOBAL MARKETS

Wednesday, August 16, 2000 23:48 GMT

JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,582

...include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

2/3,K/43 (Item 4 from file: 609)

DIALOG(R)File 609:Bridge World Markets

(c) 2001 Bridge. All rts. reserv.

00807374 BJKTNRS (USE FORMAT 7 FOR FULLTEXT)

**FULL: Hurco settles patent suit with Haas Automation (B)**

BRIDGENEWS GLOBAL MARKETS

Wednesday, August 9, 2000 16:42 GMT

JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 680

...include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing

markets,  
(iii) innovations by competitors, (iv) **quality** and delivery performance  
by our  
**contract manufacturers** and (v) governmental actions and initiatives  
including  
import and export restrictions and tariffs.

For more...

2/3,K/44 (Item 5 from file: 609)  
DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

00802929 BJKDKTM (USE FORMAT 7 FOR FULLTEXT)  
**FULL: Hurco says jury rules Haas fails to prove patent invalidity (B)**  
BRIDGENEWS GLOBAL MARKETS  
Tuesday, August 8, 2000 17:22 GMT  
JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 648

...JURY IN THE PENDING ACTION BROUGHT BY A  
SUBSIDIARY, IMS TECHNOLOGY, INC. ("IMS") AGAINST HAAS **AUTOMATION** AND GENE  
HAAS  
("HAAS") REACHED ITS VERDICT THAT HAAS HAD FAILED TO PROVE THE INVALIDITY  
...

...unable to  
predict the ultimate outcome of this action.  
HURCO Companies, Inc. is an industrial **automation** company that  
designs and  
produces interactive computer controls, **software** and **computerized**  
machine  
systems for the worldwide metal cutting and metal forming industry. The  
end  
market for...

...energy transportation and  
computer equipment. The Company is based in Indianapolis, Indiana, and has  
sales, **application** engineering and service subsidiaries in Farmington  
Hills,  
Michigan; High Wycombe, England; Munich, Germany; Paris, France...

...include,  
among others, (i) changes in general economic and business conditions that  
affect demand for **computerized** machine systems, computer numerical  
control  
systems and **software** products, (ii) **changes** in manufacturing markets,  
(iii)  
innovations by competitors, (iv) **quality** and delivery performance by our  
**contract manufacturers** and (v) governmental actions and initiatives  
including  
import and export restrictions and tariffs.  
For more...

2/3,K/45 (Item 6 from file: 609)  
DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

00539061 BFJYSXB (USE FORMAT 7 FOR FULLTEXT)

March 10, 2003 22 17:11

**FULL: Appeals court reinstates patent suit vs Hurco Cos unit (B)**  
BRIDGENEWS GLOBAL MARKETS  
Wednesday, March 29, 2000 21:27 GMT  
JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 654

...include,  
among others, (i) changes in general economic and business conditions that  
affect demand for **computerized** machine systems, computer numerical  
control  
systems and **software** products, (ii) **changes** in manufacturing markets,  
(iii)  
innovations by competitors, (iv) **quality** and delivery performance by our  
**contract manufacturers** and (v) governmental actions and initiatives  
including  
import and export restrictions and tariffs.  
SOURCE Hurco...

**2/3,K/46 (Item 1 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00718590 20020522142B2327 (USE FORMAT 7 FOR FULLTEXT)  
**Hurco Reports Second Quarter 2002 Results; Special Charges**  
Business Wire  
Wednesday, May 22, 2002 08:03 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,900

...factors include, among others, changes in  
general economic and business conditions that affect demand for  
**computerized**  
machine systems, computer numerical control **systems** and **software**  
products,  
**changes** in manufacturing markets, innovations by competitors, **quality**  
and  
delivery performance by our **contract manufacturers** and governmental  
actions  
and initiatives including import and export restrictions and tariffs.

-- FINANCIAL TABLES FOLLOW...

**2/3,K/47 (Item 2 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00630995 20011205339B4058 (USE FORMAT 7 FOR FULLTEXT)  
**Hurco Reports Fiscal 2001 Results**  
Business Wire  
Wednesday, December 5, 2001 08:02 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 2,194

...industry, including among others: changes  
in general economic and business conditions that affect demand for  
**computerized** machine systems, computer numerical control **systems** and  
**software**

March 10, 2003 23 17:11

products; **changes** in manufacturing markets; foreign currency exchange factors;  
innovations by competitors; **quality** and delivery performance by our **contract**  
**manufacturers** : and governmental actions and initiatives, including import and  
export restrictions and tariffs. We undertake no...

2/3,K/48 (Item 3 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00611923 20011030303B4724 (USE FORMAT 7 FOR FULLTEXT)  
**AeA Classic 2001 Presenter Profiles for Session 1; Premier Financial Conference Runs Next Week, Nov. 4-7 in San Diego, CA**  
Business Wire  
Tuesday, October 30, 2001 12:51 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 10,478

...Corporation is the leading provider of Information  
Delivery solutions for Global 2000 companies and packaged **application**  
**software** vendors. Actuate builds solutions for customer applications  
including client reporting, key performance indicators, CRM,  
e...

...customers and over 170 OEM partners including American Express, AT&T,  
Bank of America, BMC **Software**, Chase Manhattan Corporation, Clarify,  
Lucent Technologies, WorldCom, PeopleSoft and Siebel.

Company: Adaptec, Inc.

Contact: David...

...annual growth

rate since 1993 was 41.5 percent through the year 2000.

Company: Advent **Software**, Inc.

Contact: Robin Goodstein

Phone: 415-645-1243

E-mail: rgoodste@advent.com

Web: www.advent.com

Advent **Software** is the leading provider of enterprise investment  
management solutions to institutional investment management clients in...

...under management.

Advent Office enables investment firms to build a truly  
client-centric organization by **automating** entire range of investment  
management functions, including portfolio management, client  
relationship management, trade order management...

...test and

measurement solutions. Our products are in worldwide use, supporting  
communication systems, networks and **automatic** test systems. Aeroflex's  
highly respected achievements in enabling broadband and wireless  
communications are based...networks and components for the wireless  
communications, satellite communications and defense electronics  
markets.

Company: Ascential **Software** Corporation

Contact: Dave Roy

Phone: 508-366-6888

E-mail: droy@ascentialsoftware.com

Web: www.ascentialsoftware.com

Ascential **Software** Corporation (Nasdaq:ASCL) is the leading



provider of Information Asset Management solutions to the Global...

...and increasing profitability.

Headquartered in Westboro, Mass., Ascential has offices worldwide. More information on Ascential **Software** can be found on the Web at [www.ascentialsoftware.com](http://www.ascentialsoftware.com).

Company: Aspect Communications

Contact: Brooke...

...sales and service professionals worldwide. Aspect is the only company that provides the mission-critical **software** platform, development environment and applications that seamlessly integrate voice-over-IP, traditional telephony, e-mail...

...flannery@ficomm.com

Web: [www.brio.com](http://www.brio.com)

Brio Technology provides a proven and reliable analytic **software** platform that enables companies to simplify the complex process of using corporate data to make...networks worldwide. Since it was founded in 1984, the Company has achieved international recognition for **quality**, innovation, and technical superiority in delivering data, voice, and video communication systems, including comprehensive service...

...its proprietary, advanced speech-processing algorithms, DSP Group also delivers a wide range of enabling, **application**-specific integrated circuits for full-featured, cordless digital telephony products, including 900 MHz and 2...

...circuits. The Company addresses these demands by providing standard products that serve several markets and **application** specific standard products ("ASSPs") designed for specific markets and applications.

Company: Electro Scientific Industries, Inc...organizations, as well as via its ValueNET(R) Partner network of resellers, system integrators, and **application** developers. To put more substance into your eBusiness, visit FileNET's Web site at [www...](http://www...)

...cost of global pharmaceutical and biotechnology drug discovery and development. Through the systematic and industrialized **application** of genomics, Gene Logic offers a growing portfolio of genomic information solutions based on its...

...HLIT".

For more information, check the company's website at [www.harmonicinc.com](http://www.harmonicinc.com).

Company: HNC **Software** Inc.

Contact: Heidi Flannery

Phone: 503.844.8888, x111

E-mail: [heidi.flannery@ficomm.com](mailto:heidi.flannery@ficomm.com)...

...www.hnc.com

HNC is a leading provider of high-end analytic and decision management **software** that enables global companies to manage customer interactions by converting data and business experiences into...

...revenues and decrease risk. Established in 1986, HNC's industry experts and proven Critical Action **Software** are empowering Global 2000 companies in the financial services, insurance, telecommunications and other industries to...

...linda--snyder@hyperion.com

Web: [www.hyperion.com](http://www.hyperion.com)

Hyperion, a global leader in business intelligence **software**, creates solutions that help businesses measure performance and drive profitability. The company's flagship product...technology. InterDigital and Infineon

Technologies in 2001 formed a strategic partnership to jointly develop enabling **software** for 3G mobile products. By leveraging its technology and intellectual property into 3G standards and...

...high performance analog and mixed signal portfolio, Intersil brings added value in providing complete silicon, **software** and reference design solutions to new products that bring portable connectivity to people wherever they...

...leading provider of business key telephone systems in the United States and related call processing **software**, voice processing **software** and call accounting **software**. Inter-Tel is also an emerging player in the voice and data convergence market, with a line of voice and data gateways and routers, IP phones, e-commerce **software**, client **software** and related networking **software**, which allow Inter-Tel to handle networked applications as large as 20,000 ports. Inter...

...telephone systems, as well as the InterPrise voice and data products, including ClearConnect e-commerce **software**. The Company also provides maintenance, leasing and support services for its products. Inter-Tel's...

...and institutions' patrons worldwide. Both divisions also can provide their products and services as an **Application** Service Provider. For more information, visit [www.intervoice-brite.com](http://www.intervoice-brite.com).

Company: JDA **Software** Group, Inc.

Contact: Midge Ellis

Phone: 480-308-3048

E-mail: [m.ellis@jda.com](mailto:m.ellis@jda.com)

Web: [www.jda.com](http://www.jda.com)

JDA **Software** Group, Inc. (Nasdaq:JDAS) is the global leader in delivering integrated **software** and professional services to over 4,300 retail, wholesale, distribution and manufacturing clients in 60... measurement technology and a rich understanding of their applications, which enables them to improve the **quality**, throughput and yield of their products.

Company: Kronos Incorporated

Contact: Paul Lacy

Phone: 978-947...

...Corporation designs, develops and markets high performance programmable logic devices, or PLDs, and related system **software**. Programmable logic devices are widely-used semiconductor components that can be configured by the end...

...digital

assets of the enterprise, including applications, code and content. MERANT's industry leading PVCS **software** and services address **software** configuration management (SCM), web content management (WCM) and the emerging enterprise change management (ECM) market...the number one best small electronics company in Electronic Business, develops and markets proprietary technology, **software** tools and services that enable the semiconductor industry to produce subwavelength integrated circuits. Numerical's...

...using available manufacturing equipment. Numerical's customers include the world's leading semiconductor companies, design **automation** tool vendors, semiconductor equipment suppliers and photomask manufacturers.

Company: O2Micro  
Contact: Gil Goodrich  
Phone: 408...

...oaktech.com

Web: www.oaktech.com

Oak Technology develops and markets high performance integrated semiconductors, **software** and platform solutions to original equipment manufacturers worldwide that serve the optical storage and digital imaging markets. Oak's product family consists primarily of integrated circuits, system solutions, and supporting **software** and firmware for the storage and distribution of digital content of all types.

Founded in...

...gsecord@opentext.com

Web: www.opentext.com

Since 1991, Open Text Corporation has delivered innovative **software** applications that bring people together to share knowledge, achieve excellence, deliver innovation, and enhance processes...

...Pericom has four product lines, SiliconSwitch, SiliconInterface, SiliconClock and SiliconConnect. Worldwide customers include leading OEMs, **contract manufacturers** and distributors.

Company: Phoenix Technologies Ltd.  
Contact: Dustin Dumas  
Phone: 408-570-1142  
E-mail...

...phoenix.com

Web: www.phoenix.com

Phoenix is the global leader in "platformware", system-enabling **software** products for PCs and connected digital devices in the Age of Digital Convergence. The company...Cingular Wireless and Verizon. Powerwave is a TL9000 and ISO 9001 certified company.

Company: PRI **Automation** , Inc.  
Contact: Michelle Faulkner  
Phone: 978-670-4270 x3161  
E-mail: mfaulkner@pria.com  
Web: www.pria.com

PRI **Automation** , Inc., headquartered in Billerica, Massachusetts, is a leading global supplier of advanced factory **automation** systems, **software** , and services that optimize the productivity of semiconductor and precision electronics manufacturers, as well as...

...manufacturers. PRI is the only company to provide a tightly integrated and flexible hardware and **software** solution that optimizes the flow of products, data, materials and resources throughout the production chain...

...TBI) products and services. The Company provides an end-to-end business infrastructure and integration **software** suite, as well as end-to-end service capabilities including consulting, transaction hosting, operations management...data traffic over wireless communications networks. Our products are designed to improve the capacity, efficiency, **quality** and reliability

of wireless communications infrastructure equipment. REMEC also develops and manufactures highly sophisticated wireless...

...to more than 2,500

banks, credit unions, insurance providers, and investment firms of enterprise **software** solutions that turn customer interactions into profits. S1's Enterprise eFinance solutions deliver a transactionable...

...solutions provide risk-free, personalized access control for unlimited users across any public network. Our **software** products provide secure entry points into Web sites and applications by confirming each person's...

...TM) is the world's most secure firewall and VPN gateway. SmartFilter(TM) Web filtering **software** improves employee productivity, reduces legal liability, and increases network bandwidth.

Headquartered in San Jose, California...

...Fortune 50 organizations in financial services, healthcare, telecommunications, Internet companies, and government agencies.

Company: SERENA **Software**, Inc.

Contact: Danielle Bedics

Phone: 650-696-6529

E-mail: dbedics@serena.com

Web: www.serena.com

SERENA **Software**, Inc. (Nasdaq:SRNA) is a global company providing **software** infrastructure products and consulting best practices that **automates change** to enterprise **code** and content. Serena is headquartered in Burlingame, California and maintains international offices in Canada, Germany...that includes Rio digital audio players; ProGear(TM) Information Appliances; ReplayTV personal television technology and **software** solutions; Go-Video Dual-Deck(TM) VCRs and integrated DVD+VCRs and California Audio Labs...

...America. Headquartered in Boulder, Colo., SpectraLink has more installed systems and accumulated more experience and **application** knowledge than any other provider. SpectraLink distributes its products through industry-leading service, equipment and **application** providers, cultivating a vast customer base among industries including retail stores, education, healthcare, manufacturing, finance...

...synplicity.com

Web: www.synplicity.com

Synplicity, Inc. (Nasdaq:SYNP) is a leading provider of **software** products that enable the rapid and effective design and verification of semiconductors used in next...

...and other electronic devices. The company leverages its innovative logic synthesis, physical synthesis and verification **software** solutions to improve performance and shorten development time for complex programmable logic devices, **application** specific integrated circuits (ASICs) and system-on-chip (SoC) integrated circuits. As of the end...

...telecommunications carriers and equipment suppliers to achieve the benefits of packet-telephony, while keeping service **quality** and feature richness intact. Tekelec's innovative solutions are deployed in traditional and next-generation other positioning technologies as well as wireless communications and **software** to create complete customer solutions. Trimble's worldwide presence and unique capabilities position the Company...

Search Report from Ginger D. Roberts

...s two operations, in Oregon and Texas, are both certified to the ISO 9001 international **quality** standard. TriQuint is headquartered at 2300 NE Brookwood Parkway, Hillsboro, OR 97124 and can be...

...408-566-1098

E-mail: jfraser@virata.com

Web: www.virata.com

Virata provides communications **software** and semiconductors to manufacturers of DSL, wireless, satellite and other broadband networking equipment. Virata's suite of processor-independent **software** products provide developers with complete, field-proven implementations of networking functions, including MPLS and web servers, removing the need to write and validate new **software** code.

Virata also pre-integrates its extensive suite of communications **software** with its powerful and cost-effective communications processors to create Virata-Enabled(TM) ISOS products...

...websense.com

Websense Inc. (Nasdaq:WBSN) is the worldwide leader of employee Internet management (EIM) **software**. Websense Enterprise **software** enables businesses to manage employee Internet use, supporting an organization's efforts to improve employee...

2/3,K/49 (Item 1 from file: 613)

DIALOG(R) File 613: PR Newswire

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00577936 20010522CGTU019 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports Second Quarter Results 2001**

PR Newswire

Tuesday, May 22, 2001 08:01 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,795

...include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

2/3,K/50 (Item 2 from file: 613)

DIALOG(R) File 613: PR Newswire

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00271204 20000223CGW020 (USE FORMAT 7 FOR FULLTEXT)

**Hurco Reports First Quarter 2000 Results**

PR Newswire

Wednesday, February 23, 2000 08:30 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,313

...include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

HURCO COMPANIES...

2/3,K/51 (Item 3 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00224821 19991202CGTH010 (USE FORMAT 7 FOR FULLTEXT)

**Summary Results (Dollars in millions, except per share amounts) Fourth Quarter Twelve Months Ended October 31, Ended October 31, 1999 1998 % Inc(Dec) 1999 1998 % Inc(Dec) Sales and service fees**

PR Newswire

Thursday, December 2, 1999 08:30 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,512

...include, among others, (i) changes in general economic and business conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

For more...

2/3,K/52 (Item 1 from file: 654)

DIALOG(R)File 654:US PAT.FULL.

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4353426 \*\*IMAGE Available

Derwent Accession: 2000-601159

Utility

**REASSIGNED, CERTIFICATE OF CORRECTION**

**E/ Channel configuration program server architecture**

Inventor: Fisher, Jerald C., Tomball, TX

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Compaq Computer Corp (Code: 21559)

Examiner: Palys, Joseph E. (Art Unit: 277)

Assistant Examiner: Hartman, Jr., Ronald D

Law Firm: Conley, Rose & Tayon, P.C.

| Publication<br>Number | Kind | Date | Application<br>Number | Filing<br>Date |
|-----------------------|------|------|-----------------------|----------------|
|-----------------------|------|------|-----------------------|----------------|

March 10, 2003 30 17:11

Search Report from Ginger D. Roberts

|             |            |   |          |             |          |
|-------------|------------|---|----------|-------------|----------|
| Main Patent | US 6092189 | A | 20000718 | US 9870589  | 19980430 |
| Priority    |            |   |          | US 9870589  | 19980430 |
| Provisional |            |   |          | US 60-53455 | 19970722 |

Fulltext Word Count: 22012

Summary of the Invention:

...The present **application** relates to computer manufacturing, and particularly to the architecture of hardware for pre-installation of **software** at remote computer manufacturing and test facilities...

...Background: **Software** Installation...

... **Software** installation is normally a burden with new computers, and is often a source of frustration for consumers. Thus, pre-installation of **software** by the computer manufacturer is very welcome to consumers. Pre-installation also helps to avoid problems which might be caused by **software** incompatibilities or incorrect installation of **software**. Pre-installation of **software** also helps to avoid unnecessary service calls to the computer manufacturer which may be due to the consumer's difficulty in understanding the **software** installation instructions **Software** Management...

...Pre-installation of **software** to prevent incompatibilities or incorrect installation at the consumer level requires careful **software** management. This management takes place not only prior to but also during the manufacturing process...

...given storage medium (usually a hard disk drive). Disk images are usually prepared by a **software** engineering group once a personal computer has been configured with all of the appropriate components... information, and adding file directory structure information. Installation is the process of writing the physical **software** files to the hard drive...

...The role of a **software** distribution system is to facilitate the transfer of **software**, which is to be released to the consumer, to the manufacturing site. Once at the manufacturing site, the **software** will be installed and configured on a raw (unformatted) hard drive or the hard drive...The use of disk images for distribution of **software** has inherent disadvantages. First, the size of disk images needed to distribute complete system **software** configurations has grown almost exponentially in the past 10 years, from 30 megabytes to over...

...one configuration. Changes in disk image configuration can result from any difference in hardware and **software** combinations. For each **change** in configuration, no matter how slight, an entirely new disk image must be built, replicated...

...is built, it cannot be modified. Components that comprise disk images may need to be **changed** because of a **software** bug fix or new revision. If a component is changed, each disk image incorporating that ...

...speed and accuracy is required. Both speed and accuracy factor into maintaining efficient distribution of **software** to computer manufacturing facilities. Minimizing distribution time for disk images can be critical when updates to components have occurred to fix **software** bugs: The faster the disk image can be propagated to the installation site, the fewer the number of computers released with faulty **software**. ...

...disadvantage of a lack of security. During the distribution process, the media which contain the **software** may not be within the control of the ...misplaced or stolen. Because the zip deliverable is merely a compressed version of a configured **software** install, there is some risk that it could be used by anyone with the proper hardware and **software** to install or upgrade **software** on their own machine or the machines of others. Further, there is some risk that...

...deliverable can also result in vulnerability to extreme ambient conditions which could adversely effect the **quality** and accuracy of the data on the media. Weather conditions such as extreme temperatures or moisture can degrade the **quality** of the media, and hence the ability of the data on the media to be...of machines from many different computer manufacturers. The zip deliverables themselves may contain the proprietary **software** of a particular company. Therefore, security of pre-installation **software** configurations is important within the remote manufacturing facility. A further concern, even at the remote...the manufacturer can be tracked to ensure that they are installed in the manufacturers' computers. **Software** applications can be tracked as well. The as-built database enables the manufacturer to accurately report to **software** vendors the number of a particular **software** application that they have installed. Not only does this information aid in royalty tracking but it also provides marketing information on which **software** is being installed more often, or not at all...

...solutions to the customer quickly, especially when known conflicts or bugs have been found with **software** or hardware installed in the manufacturing process inform customers of changes or updates relative to specific hardware or **software**. Such notifications could be in the form of service bulletins that can explain in detail how to install fixes or obtain updates to resolve problems with hardware or **software**.

...

...for their local networking needs. The high bandwidth is necessary to accommodate fast downloads of **software** and diagnostics during the manufacturing process. In 1998, a bandwidth of 1 gigabit per second... Channel Configuration **Program** Server Architecture...

...The present **application** describes a manufacturing architecture whereby a computer manufacturer can safely contract out high- **quality** configure-to-order manufacturing. Two separate databases are used in installing **software** and managing the installation process and collecting configuration information. **Software** to be pre-installed is distributed over a database network to a **software** installation server at a remote manufacturing site. The database tables include error-checking values to...

...the network has not become corrupted. The remote manufacturer is given physical access to the **software** -installation server which installs the desired **software** configuration on each machine; but this is a secure server, and the **contract** **manufacturer** is unable to change it. Rules which define the possible hardware and **software** configurations are also distributed over a network to a channel configuration partner (CCP) database at the remote manufacturing site. These rules are used to create a list of **software** and hardware part numbers which will constitute a newly manufactured computer. The CCP database is...as an "as-built" database of computers manufactured at the remote manufacturing site. Moreover, the **contract** **manufacturer** is also unable to change the as-built database (although read access is allowed...

...In particular, the process combines the manual configuration of hardware



subassemblies with an **automated** method for loading the correct **software** for the particular hardware installed. The hardware configuration information is collected by a server which manages **software** selection. **Software** pre-installation uses the information collected in hardware configuration and **software** selection to provide the appropriate **software** to the assembled unit...

...Additionally, the process captures the as-built hardware and **software** components of each computer for the vendor service and support **program**. Finally, the process **automates** the tracking and reporting of royalty payments to the appropriate recipient server would be the source for the **software** to be installed, and the other server would manage the flow of control information. Currently, the server connectivity for **software** installation is implemented with a high bandwidth architecture. However, the server which manages the flow...

...distribution model are numerous. A secure, as-built database provides a separate, isolated hardware and **software** tracking mechanism. Hardware such as monitors, keyboards, CD drives, etc. can be tracked even at...

...by a remote manufacturer under the guise of name-brand installations. In a like manner, **software** installations can be tracked to ensure that duplicate certificates of authenticity or **software** serial numbers are not installed...

...Another advantage of this innovative process is the capability to feed **Quality** -Control solutions back into the manufacturing process more quickly for delivery of a reliable product...to assemble a reliable product. The process also provides auditing capability to ensure conformity with **quality** standards set in place by the manufacturer. Another advantage is that **software** can be installed from the same database structures in which it was released without having...

...have to be produced and distributed, and any configuration needed can be created via the **software** selection process...

...is more efficient updating: Updates can be released at any time and propagated through the **software** distribution system, without the need to rebuild multiple disk images and without the delay usually...

...It is important, particularly in the context of pre-installation of **software**, that network traffic which does not require such high bandwidths be isolated from the traffic...

#### Description of the Invention:

...The **program** queries the Configuration **Change** Log (AUDIT[sub]-- LOG table) records for this serial number and writes this data to...

...The **program** creates "E2EDS02 Termination" record, and writes this data to the output file. This completes all data for a single serial number. The **program** closes the output file...

...The **program** attempts to transfer the output file to the specified Compaq server. If the transfer fails, the file is deleted and the **program** exits with an error code...

...serial number is ignored and will be processed during a subsequent invocation of the CCPEXPRT **program**. Otherwise, the serial number's CONFIGURATION.CFG[sub]-- SENT value is set to the current. If the **program** encounters a SQL-related error during any of these steps, it will end with an exit code of 1. If the **program** has a non-SQL related error with any operation during these steps, the **program** writes these to the Windows NT **application** event log. It also formats a message indicating

the cause of the failure and calls...

...is executed for the current serial number. (Results of this call are ignored by this **program**.) The **program** updates the Registry with the date and last file sequence number for use on subsequent serial numbers. The **program** repeats by processing all remaining serial numbers, and then exits...systems or facilities. This can include royalty tracking, customer service, computer repair or rebuilding, and **quality** control  
...

...FIG. 12 shows a personal computer which can use the innovative **software** distribution system. The complete personal computer system, includes in this example: user input devices (e...According to a disclosed class of innovative embodiments, there is provided: a system of **software** pre-installation, comprising: a computer network with one or more servers containing **software** installation configurations, a first database structure which manages said configurations, and a second database structure...

...component configuration process which accesses said second structure to produce a list of hardware and **software** as it is installed on said assembled unit; and a **software** pre-installation process which accesses said database structures and said **software** installation configurations to **automatically** pre-install **software** onto said assembled unit; wherein said configurations and database structures are secure from alteration by...

...According to another disclosed class of innovative embodiments, there is provided: a system of **software** pre-installation, comprising: a computer network with a first server containing **software** installation configurations and a first database structure which manages said configurations; a second server containing...component configuration process which accesses said second server to produce a list of hardware and **software** as it is installed on said assembled unit; and a **software** pre-installation process which accesses said list, said first database structure, and said **software** installation configurations to **automatically** pre-install **software** onto said assembled unit; wherein said configurations and database structures are secure from alteration by  
...

...According to another disclosed class of innovative embodiments, there is provided: a system of **software** downloading, comprising: a computer system comprised of hardware components assembled into a predetermined hardware configuration; a computer network comprising a **software** -loading-system, said **software** -loading-system being a secure computer system which is protected against any undetectable alteration by said manufacturer and comprising a server containing **software** installation configurations and a database structure which manages said configurations; a **software** pre-installation process for selectively downloading **software** components from said **software** -loading-system into said computer system, creating a predetermined **software** configuration on said computer system; and a database which stores the hardware and **software** configuration created by said items, said database being protected against any undetectable alteration by said...of innovative embodiments, there is provided: a process for manufacturing computer systems with pre-installed **software**, comprising the steps of repeatedly: selecting a hardware and **software** configuration by accessing a database structure which defines **software** configurations based on installed hardware and producing a list of hardware and **software** to be installed on an assembled computer system; assembling hardware components into a predetermined hardware...

...to create an assembled unit; connecting said assembled unit to a

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computer network with a **software** -loading-system, said **software** -loading-system being a secure computer system which is protected against any undetectable alteration by said manufacturer and comprising a server containing **software** installation configurations and a database structure which manages said configurations; and downloading **software** components from said **software** -loading-system into said computer system according to said list, to create a predetermined **software** configuration on said computer system; wherein said configurations and database structures are secure from alteration...

...innovative embodiments, there is provided: a process for controlling manufacture of computer systems by a **contract manufacturer**, comprising the steps of repeatedly: assembling hardware components into a predetermined hardware configuration, to create a computer system; connecting said computer system to a computer network with a **software** -loading-system, said **software** -loading-system being a secure computer system which is protected against any undetectable alteration by said manufacturer and comprising a server containing **software** installation configurations and a database structure which manages said configurations; selectively downloading **software** components from said **software** -loading-system into said computer system, to create a predetermined **software** configuration on said computer system; maintaining a database which shows the component configuration created by ...

...be recognized by those skilled in the art, the innovative concepts described in the present **application** can be modified and varied over a tremendous range of applications, and accordingly the scopeThe as-built database tracks third-party hardware and **software** but could be narrowed to track only that **software** produced and installed by the manufacturer ...

2/3,K/53 (Item 1 from file: 754)  
DIALOG(R)File 754:IPO Maven  
(c) 2000 OTIVA, Inc. All rts. reserv.

00002385

VA Linux Systems, Inc.

1382 Bordeaux Drive  
Sunnyvale, CA 94089

Country: USA  
Telephone: (408) 542-8600

Ticker Symbol: LNUX

Pub. Date: January 01, 2000  
Word Count: 1102

Language: ENGLISH  
Record type: COMPANY

2/3,K/54 (Item 1 from file: 765)  
DIALOG(R)File 765:Frost & Sullivan  
(c) 1999 Frost & Sullivan Inc. All rts. reserv.

00193316

FORECASTS OF THE TOTAL U.S. MANUFACTURING SYSTEMS INTEGRATION MARKET BY  
END-USER: Forecasts by End-User Group: Assembly Market:  
End-User Group Overview (2/2)

Main Title: U.S. MANUFACTURING SYSTEMS INTEGRATION MARKETS  
Pub. Date: June 1994  
Source: Frost & Sullivan  
Telephone: US (415) 961 - 1000; London 071 730 3438  
Word Count: 469 (1 pp.)  
Language: English

Country: UNITED STATES  
Industry: Industrial and Manufacturing

In addition to lower costs and improved reliability, modular **automated** assembly systems provide increased flexibility. Increasingly, users are assembling families of similar but different products...

...product, users are requiring that their applications be designed into the system.

Companies are typically **automating** the assembly of products that have anticipated life cycles of four to six years. When...

...of a family of self-contained, fully enclosed modular units, each designed for a specific, **automatic**, assembly function. Each module has a bus system to facilitate communication and data transmission by...

...with other modules. The bus system minimizes the need for hard wiring and permits fast **system reconfiguring** or expansion. As new product needs arise, modules can be added and shifted around as required. As a result, **automated** assembly systems which are based on modular components are capable of providing a very flexible...

...in operation in a fraction of the time required to custom-design and build an **automated** assembly line.

For many assembly projects, **contract manufacturers** can offer low manufacturing labor costs. Depending upon the operation, facilities are located in specific...

...and assembly functions are conducted in a highly-supervised environment in order to ensure product **quality**. Often, assembly operations are conducted utilizing an **automated** conveyor process with specific stations designated for inspection and **quality** control. Before shipment back to the customer, some type of performance testing is generally performed...

2/3,K/55 (Item 1 from file: 813)  
DIALOG(R) File 813:PR Newswire  
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1424320 CGTH013  
Hurco Reports First Quarter 1999 Results

DATE: February 18, 1999 08:31 EST WORD COUNT: 1,327

... include, among others, (i) changes in general economic and business

Search Report from Ginger D. Roberts

conditions that affect demand for **computerized** machine systems, computer numerical control systems and **software** products, (ii) **changes** in manufacturing markets, (iii) innovations by competitors, (iv) **quality** and delivery performance by our **contract manufacturers** and (v) governmental actions and initiatives including import and export restrictions and tariffs.

HURCO COMPANIES...

**2/3,K/56 (Item 1 from file: 993)**

DIALOG(R)File 993:NewsRoom 2002/Jan-Nov

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0456026459 15UJ0TUU

**10-Q: HURCO COMPANIES INC**

EDGAR Online

Thursday, May 30, 2002

JOURNAL CODE: ABXF LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 2,105

TEXT:

...and operating costs, adverse currency movements, innovations by competitors, quality and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

**2/3,K/57 (Item 2 from file: 993)**

DIALOG(R)File 993:NewsRoom 2002/Jan-Nov

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0393507911 15QM07R6

**10-K: HURCO COMPANIES INC**

EDGAR Online

Tuesday, January 29, 2002

JOURNAL CODE: ABXF LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 3,317

TEXT:

...in manufacturing markets, planned inventory reductions, innovations by competitors, quality and delivery performance by our **contract manufacturers** and governmental actions and initiatives including import and export restrictions and tariffs.

Results of Operations

**2/3,K/58 (Item 1 from file: 995)**

DIALOG(R)File 995:NewsRoom 2000

(c) 2003 The Dialog Corporation. All rts. reserv.

0177514077 15930FRW

**Canadian Canola Board Crush Margin at 15:32 CT**

FWN FINANCIAL NEWS

Friday, December 8, 2000

JOURNAL CODE: ALMF LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 4,444

...additional third-party manufacturers to effectively

March 10, 2003 37 17:11

Search Report from Ginger D. Roberts

manufacture our new products in a timely manner;

- . the **quality** of any new products;
- . differentiation of new products from those of our competitors;
- . market acceptance...

...the design and development of new products and product enhancements, we rely on third-party **software** development tools. While we currently are not dependent on any one vendor for the supply...

...introduction of products in the past as a result of the inability of then available **software** development tools to fully simulate the complex features and functionalities of our products. The design...

...greater functionality from 3D graphics products in the future may exceed the capabilities of the **software** development tools available to us. If the **software** development tools we use become unavailable or fail to produce designs that meet consumer demands...

...rights owned by third parties. We expect that, as the number of issued hardware and **software** patents increases, and as competition in our markets intensifies, the volume of intellectual property infringement...  
?

?show files;ds

File 2:INSPEC 1969-2003/Mar W1  
 (c) 2003 Institution of Electrical Engineers  
 File 35:Dissertation Abs Online 1861-2003/Feb  
 (c) 2003 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2003/Mar W1  
 (c) 2003 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Jan  
 (c) 2003 The HW Wilson Co.  
 File 233:Internet & Personal Comp. Abs. 1981-2003/Feb  
 (c) 2003 Info. Today Inc.  
 File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jan  
 (c)2003 Info.Sources Inc  
 File 474:New York Times Abs 1969-2003/Mar 08  
 (c) 2003 The New York Times  
 File 475:Wall Street Journal Abs 1973-2003/Mar 07  
 (c) 2003 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group

| Set | Items   | Description   |
|-----|---------|---|
| S1  | 56192   | INTRUSION OR INTRUDER? OR VIRUS OR VIRAL OR HACKER? OR INVADER?   |
| S2  | 1865659 | ANOMOLIES OR ANOMALY OR ERROR? ? OR PROBLEM? ? OR TROUBLE? OR FAULT?  |
| S3  | 167861  | (S1 OR S2) (5N) (DETECT? OR DETERMIN? OR TEST? OR EVALUAT? OR ANALYZ? OR TRACK?)  |
| S4  | 893633  | CONTRACT? ? OR AGREEMENT? ? OR WARRANTY? OR WARRANTIES? OR LEGAL() (DOCUMENT? OR INSTRUMENT) OR CONTRACTUAL OR CERTIFICATE? ?   |
| S5  | 3572    | S3 AND S4   |
| S6  | 2781    | S3(S)S4   |
| S7  | 49355   | ((MAKING OR MAKE OR MAKES) (2W)CHANGE? ? OR ADJUST? OR ADAPT? OR RECONFIGUR? OR REARRANG? OR REORGANI?) (5N) (COMPONENT? ? OR SYSTEM OR HARDWARE OR COLOR OR COLOUR OR PARTS OR FEATURES OR ROUTING OR PATH? ?) |
| S8  | 15      | S6(S)S7   |
| S9  | 3462    | (CHANGE OR CONFIGURATION) (2W)CONTROL?  |
| S10 | 325074  | CONFIGURATION()MANAGEMENT OR CM   |
| S11 | 101     | LEGAL()AGREEMENT? ?   |
| S12 | 18718   | (S9 OR S10) AND S4  |
| S13 | 18718   | S4 AND (S9 OR S10)  |
| S14 | 18718   | S12 OR S13  |
| S15 | 6       | S1 AND S14  |
| S16 | 278     | S1 AND (S9 OR S10)  |
| S17 | 0       | S16 AND IC=G06F   |
| S18 | 0       | S17 NOT S15   |
| S19 | 21      | S8 OR S15   |
| S20 | 21      | RD (unique items)   |

?t20/7/all

20/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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7076927 INSPEC Abstract Number: B2001-12-5210C-004

**Title: Wideband channel sounder for real-time measurements on time-variant indoor radio channels**

Author(s): Kattenbach, R.; Fruchting, H.; Weitzei, D.

Author Affiliation: Fachgebiet Hochfrequenztech./Kommunikationssyst., Univ. Gesamthochschule Kassel, Germany

Journal: Frequenz vol.55, no.7-8 p.190-6

Publisher: Fachverlag Schiele & Schon,  
Publication Date: July-Aug. 2001 Country of Publication: Germany  
CODEN: FQNZ A3 ISSN: 0016-1136  
SICI: 0016-1136(200107/08)55:7/8L.190:WCSR;1-R  
Material Identity Number: F004-2001-005  
Language: German Document Type: Journal Paper (JP)  
Treatment: Experimental (X)

Abstract: The concept and realization of a channel sounder for real-time measurements on time-variant indoor radio channels at 1.8 GHz, 5.2 GHz and 17.2 GHz is described. The use of a novel concept, denoted the "stepped-frequency correlation method", allows measurement bandwidths of up to 600 MHz, which results in a delay resolution of 1.67 ns. Full synchronization between transmitter and receiver and full calibration of the entire system eliminate systematic errors and allow the determination of absolute amplitude and delay values. Some parameters of the system are adjustable. The measurement bandwidth can be altered in 10 steps between 60 and 600 MHz; the measurement repetition rate is variable and thus can be adjusted optimally to the rate that is necessary for a real-time recording of the temporal channel variations in accordance with the sampling-theorem. Furthermore, the dynamic range can be influenced by the use of different PN-code lengths. With a standard code length of 511 a dynamic range of 50 dB and a minimum measurement repetition rate of 292  $\mu$ s are achieved. An evaluation of the system performance by comparison with results from swept frequency measurements by using a conventional network analyzer, which can be regarded as a precise reference system, shows extremely good agreement of the results. (10 Refs)

Subfile: B

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20/7/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6771753 INSPEC Abstract Number: C2001-01-6110J-011

Title: Building trust into OO components using a genetic analogy

Author(s): Baudry, B.; Vu Le Hanh; Jezequel, J.-M.; Le Traon, Y.

Author Affiliation: IRISA, Rennes, France

Conference Title: Proceedings 11th International Symposium on Software Reliability Engineering. ISSRE 2000 p.4-14

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2000 Country of Publication: USA x+377 pp.

ISBN: 0 7695 0807 3 Material Identity Number: XX-2000-02532

U.S. Copyright Clearance Center Code: 0 7695 0807 3/2000/\$10.00

Conference Title: Proceedings of ISSRE 2000 International Symposium on Software Reliability Engineering

Conference Sponsor: Reliable Software Technol.; Telecordia Technol.; IBM Corp

Conference Date: 8-11 Oct. 2000 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Despite the growing interest for component based systems, few works tackle the question of the trust we can bring into a component. The paper presents a method and a tool for building trustable OO components. It is particularly adapted to a design-by-contract approach, where the specification is systematically derived into executable assertions (invariant properties, pre/postconditions of methods). A component is seen as an organic set composed of a specification, a given implementation and its embedded test cases. We propose an adaptation of mutation analysis to the OO paradigm that checks the consistency between specification/implementation and tests. Faulty programs, called "mutants", are generated by systematic fault injection in the



implementation. The quality of tests is related to the mutation score, i.e. the proportion of **faulty** programs it **detects**. The main contribution is to show how a similar idea can be used in the same context to address the **problem** of effective **test** optimization. To map the genetic analogy to the **test** optimization **problem**, we consider mutant programs to be detected as the initial preys population and test cases as the predators population. The test selection consists of mutating the "predator" test cases and crossing them over in order to improve their ability to kill the prey population. The feasibility of component validation using such a "Darwinian" model and its usefulness for test optimization are studied. (17 Refs)

Subfile: C

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20/7/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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6623305 INSPEC Abstract Number: C2000-07-6110J-044

**Title: Testing-for-trust: the genetic selection model applied to component qualification**

Author(s): Baudry, B.; Vu Le Hanh; Le Traon, Y.

Author Affiliation: IRISA, Rennes, France

Conference Title: Proceedings 33rd International Conference on Technology of Object-Oriented Languages and Systems TOOLS 33 p.108-19

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2000 Country of Publication: USA xii+480 pp.

ISBN: 0 7695 0731 X Material Identity Number: XX-2000-01358

U.S. Copyright Clearance Center Code: 0 7695 0731 X/2000/\$10.00

Conference Title: Proceedings 33rd International Conference on Technology of Object-Oriented Languages and Systems TOOLS 33

Conference Sponsor: DGA; France Telecom; Inferdata Corp.; Ratio Group; Region Bretagne; TriReme Int.; Univ. Rennes; INRIA; Interactive Software Eng

Conference Date: 5-8 June 2000 Conference Location: Mont-Saint-Michel, France

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: This paper presents a method and a tool for building trustable OO components. The methodology is based on an integrated design and test approach for OO software **components**. It is particularly **adapted** to a design-by-**contract** approach, where the specification is systematically derived into executable assertions (invariant properties, pre/postconditions of methods). This method, based on **test** qualification using **fault** injection (mutation analysis), also leads to **contract** improvements. We consider a component as an organic set composed of a specification, a given implementation and its embedded test cases. The testing-for-trust approach, using the mutation analysis, checks the consistency between specification implementation and tests. It points out the tests' lack of efficiency but also the lack of precision of the **contracts**. As an advanced way of enhancing the test set, the application of a genetic algorithm is presented as complementary of mutation analysis for test qualification. In this paper, the genetic selection model, a "darwinian" analogy, is thus used for the **problem** of efficient **test** selection. The feasibility of component validation by mutation analysis and its usefulness for test generation are studied as well as the robustness of trustable and self-testable components into an infected environment. (12 Refs)

Subfile: C

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20/7/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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6478056 INSPEC Abstract Number: B2000-03-8510-003, C2000-03-3340H-010

**Title: Evaluation of steady-state and transient behavior of a MRAS based sensorless rotor flux oriented induction machine in the presence of parameter detuning**

Author(s): Wang, M.; Levi, E.

Author Affiliation: Sch. of Eng., Liverpool John Moores Univ., Liverpool, UK

Journal: Electric Machines and Power Systems vol.27, no.11 p. 1171-90

Publisher: Taylor & Francis,

Publication Date: Nov. 1999 Country of Publication: USA

CODEN: EMPSDO ISSN: 0731-356X

SICI: 0731-356X(199911)27:11L:1171:ESST;1-T

Material Identity Number: D752-1999-011

U.S. Copyright Clearance Center Code: 0731-356X/99/\$12.00+.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Theoretical (T)

**Abstract:** One of the most frequently applied methods of speed-sensorless rotor flux-oriented control of induction machines relies on utilization of model reference **adaptive system** (MRAS)-based speed estimation. Accuracy of this method depends heavily on correct setting of the machine parameters within the estimator and the controller. The paper discusses a sensorless indirect feedforward current-fed rotor flux-oriented induction motor drive in which speed estimation is performed utilizing a rotor flux-based MRAS scheme. A study is conducted in order to **evaluate** speed estimation **error** and other detuning effects in both steady-state and transient operation of the drive caused by incorrect setting and/or variation of parameters. Theoretical principles behind the steady-state analysis are developed, and steady-state detuning effects are evaluated. Incorrect setting of magnetizing inductance, stator resistance variation, rotor resistance variation, and leakage inductance variation are encompassed by steady-state analysis. Next, simulation of the complete drive is performed in order to examine impact of parameter detuning on transient behavior of the drive. Results obtained by simulation, using dynamic model, for any steady-state operating point are found to be in excellent **agreement** with results obtained by steady-state analysis, so that developed theoretical concepts are fully verified. It is shown that rotor resistance variation leads to the largest speed estimation error, whereas stator resistance variation at low speeds significantly affects accuracy of field orientation and hence dynamics of the drive. (14 Refs)

Subfile: B C

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20/7/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5789022 INSPEC Abstract Number: C9802-5470-008

**Title: Concurrent spreading of diagnostic information in systems tolerating Byzantine behaviour**

Author(s): Djambazov, K.; Popov, P.

Author Affiliation: Inst. of Comput. & Commun. Syst., Sofia, Bulgaria

Journal: Problemy na Tekhnicheskata Kibernetika i Robotikata vol.44 p.43-53

Publisher: Bulgarian Acad. Sci,

Publication Date: 1996 Country of Publication: Bulgaria

CODEN: PTKRDU ISSN: 0204-9848

SICI: 0204-9848(1996)44L:43:CSDI;1-T

Material Identity Number: C529-97001

Language: Bulgarian Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: The proposed message concept verifies the possibility of online consistent spreading of diagnostic information without additional **agreement** protocol. It is based on the informational redundancy provided by some known Byzantine **agreement** protocols. It also demonstrates the synchronisation properties of the concept that supports the decision making process in distributed environment with respect to **system reconfiguration**. Two different synchronisation strategies have been proposed. The first one treats the case of non-authenticated messages where the structural redundancy available allows a two thresholds approach to be applied. Since the structural redundancy in the case of authenticated messages is not enough for constructing thresholds, the consistency is ensured through an additional round, if needed. Both techniques guarantee consistent reconfiguration in case of **detection** of a **faulty** node by the nonfaulty ones. (10 Refs)

Subfile: C

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20/7/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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5425017 INSPEC Abstract Number: A9624-8160B-077

**Title: Process diagrams for laser transformation hardening**

Author(s): Ion, J.C.

Author Affiliation: Lappeenranta Univ. of Technol., Finland

Conference Title: Laser Processing: Surface Treatment and Film Deposition. Proceedings of the Advanced Study Institute p.587-612

Editor(s): Mazumder, J.; Conde, O.; Vilar, R.; Steen, W.

Publisher: Kluwer Academic Publishers, Dordrecht, Netherlands

Publication Date: 1996 Country of Publication: Netherlands xiv+944 pp.

ISBN: 0 7923 3901 0 Material Identity Number: XX96-02105

Conference Title: Proceedings of Laser Processing: Surface Treatment and Film Deposition (ISBN 0 7923 3901 0)

Conference Sponsor: NATO

Conference Date: 3-16 July 1994 Conference Location: Sesimbra, Portugal

Language: English Document Type: Conference Paper (PA)

Treatment: Experimental (X)

Abstract: Analytical mathematical models are applied to laser transformation hardening of engineering steels. The depth and maximum hardness of the transformed region are modelled in terms of the principal process variables. Dimensionless groups comprising material and processing variables are identified, and relationships with the properties of the transformed region are established. Good **agreement** between experimental results and model predictions is obtained. Data are presented in the form of various process diagrams. In their most practical form, these can be used to select the laser power and traverse rate required for hardening a particular material to a given depth with a fixed beam geometry. Alternatively, when constructed using dimensionless groups, the diagrams provide a means of displaying data for a range of materials, and evaluating the effects of variations in all the process variables on the properties of the transformed region. Thus process variables may be optimised with respect to various productivity criteria, and an estimate made of the sensitivity of the process to variations in process variables. The models can be used in a variety of ways: to expedite the trial and **error**

**testing** phase of procedure development; as the core of an on-line **adaptive** control **system** ; and as an educational tool. (33 Refs)

Subfile: A

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20/7/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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4623256 INSPEC Abstract Number: C9404-7120-039

**Title: Configuration of insurance contracts**

Author(s): Leist, S.; Winter, R.

Author Affiliation: Inst. fur Wirtschaftsinf., Johann Wolfgang Goethe Univ., Frankfurt, Germany

Journal: Wirtschaftsinformatik vol.36, no.1 p.45-56

Publication Date: Feb. 1994 Country of Publication: West Germany

CODEN: WIINE9 ISSN: 0937-6429

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A conceptual model of arrangement and pricing support for individual insurance **contracts** is presented. The **contract** configuration is guided by a set of pre-defined, basic modules and feasibility constraints. Based on the conceptual systems model, a centralized as well as a distributed implementation is possible. The model is implemented entirely by means of data derivation hierarchies in a commercial database management system. On the one hand, this implementation platform allows one to exploit operational advantages of standardized support systems. On the other hand, this software is reusable and **adaptable** because all application-independent **system** elements are implemented by derivation hierarchies (data structures), while all application-specific elements are represented by database tuples and, therefore, easy and consistent to manipulate. When **analyzing** the product configuration **problem** , a remarkable similarity between service and manufacturing industries becomes evident. Such a conceptualization of similarities and differences could stimulate the continuing debate on the definition of service and manufacturing industries. (12 Refs)

Subfile: C

20/7/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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4457413 INSPEC Abstract Number: A9318-4750-002

**Title: Numerical solutions for the deformation of a bubble rising in dilute polymeric fluids**

Author(s): Noh, D.S.; Kang, I.S.; Leal, L.G.

Author Affiliation: Dept. of Chem. Eng., Pohang Inst. of Sci. & Technol., South Korea

Journal: Physics of Fluids A (Fluid Dynamics) vol.5, no.6 p.1315-32

Publication Date: June 1993 Country of Publication: USA

CODEN: PFADEB ISSN: 0899-8213

U.S. Copyright Clearance Center Code: 0899-8213/93/061315-18\$06.00

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: The steady-state deformation of a bubble rising in polymeric liquid has been investigated using a general numerical technique for the solution of free-boundary problems in non-Newtonian fluid mechanics. The technique is based on a finite-difference solution of the governing equations on an orthogonal curvilinear coordinate **system** , which is constructed numerically and **adjusted** to fit the boundary shape exactly at

any time. The **problem** was **analyzed** based on the constitutive equation proposed by Chilcott and Rallison (J. Non-Newtonian Fluid. 29, 381 (1988)), which models a dilute polymer solution as a suspension of dumbbells with finite extensibility. Computations were carried out to investigate the effect of conformational change of polymer chains on the bubble deformation for various values of the Deborah number, maximum chain extensibility (i.e. roughly proportional to molecular weight), capillary number, and the Reynolds number. Numerical results show good **agreement** with existing experimental findings reported elsewhere. Especially, the tendency of transition from a prolate shape to a cusped shape has been observed in the creeping flow limit. (23 Refs)

Subfile: A

20/7/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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04144569 INSPEC Abstract Number: C9206-5470-035

**Title: Fault-Tolerant Computing Systems. Tests, Diagnosis, Fault Treatment. 5th International GI/ITG/GMA Conference Proceedings**

Editor(s): Cin, M.D.; Hohl, W.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1991 Country of Publication: West Germany xii+424

pp.

ISBN: 3 540 54545 X

Conference Date: 25-27 Sept. 1991 Conference Location: Nurnberg, Germany

Language: English Document Type: Conference Proceedings (CP)

Treatment: Theoretical (T)

Abstract: The following topics were dealt with: **reconfiguration** and recovery; **system** level diagnosis; voting and agreement; **testing**; **fault-tolerant** circuits; array **testing**; modelling; and **fault-tolerant** software.

Subfile: C

20/7/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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02000015 INSPEC Abstract Number: B83012419

**Title: From input checking to final testing, an overall strategy is necessary**

Author(s): Badaroux, J.M.

Journal: Electronique Industrielle no.38 p.S33-8

Publication Date: 15 Sept. 1982 Country of Publication: France

CODEN: EIDUDA ISSN: 0244-903X

Language: French Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: With particular reference to printed circuit cards, the author examines possible answers to the questions facing the manufacturer: what quantity to test, and at what level, for sufficiently early **detection** of **faults**. Input checking, production checking (parametric in-circuit and functional tests), and final quality control are discussed in turn, with the need for compromise between detection probability and cost (which can rise from Fr1.5 per faulty component at the input checking level to Fr1500 at the customer level involving repair under **warranty**). The relative incidence of various **faults** found in card **tests** is depicted as 50% circuit fabrication and soldering defects, 30% assembly errors, and 10% (each) defective components and functional failures. Methods of parametric and functional (static and dynamic, including signature analysis) testing

are compared. The three imperatives for choice of equipment are flexibility of **adaptation** , communication facility among **system** elements, and ease of software implementation. (0 Refs)

Subfile: B

20/7/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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01825255 INSPEC Abstract Number: A82032167

**Title: High pressure effects on the endothermic association of tobacco mosaic virus protein**

Author(s): Jaenicke, R.; Ludemann, H.-D.; Schade, B.C.

Author Affiliation: Inst. fur Biophys. und Phys. Biochem., Univ. Regensburg, Regensburg, West Germany

Journal: Biophysics of Structure and Mechanism vol.7, no.3 p. 195-203

Publication Date: 1981 Country of Publication: West Germany

CODEN: BSMHBH ISSN: 0340-1057

Language: English Document Type: Journal Paper (JP)

Treatment: Experimental (X)

Abstract: Tobacco mosaic **virus** protein in phosphate buffer pH 6.5-7.0 ( $I=0.1$  M) shows endothermic polymerization accompanied by water release of the capsomers. At protein concentrations  $c$  approximately 2 mg/ml the transition temperature is  $T^*=20\pm 1$  degrees C. As indicated by the increase of the partial specific volume ( $\Delta V_{\text{sub } 2}/=0.0049\pm 0.003$  cm<sup>3</sup>/g) in going from A-protein to helical rods at pH 6.50, the assembly reaction is expected to be inhibited by high pressure; the corresponding isobars of the endothermic polymerization should be shifted to higher  $T^*$  values. Turbidity measurements at pressures  $1 < p < 1500$  bar are in **agreement** with the given hypothesis: both, double discs and helical rods are found to be dissociated at elevated pressure, the latter showing somewhat higher stability. At 700 bar the transition temperature of helix formation is shifted by 14 degrees C to higher temperatures. Complete reversibility of the pressure dependent dissociation-association without 'hysteresis' proves the process to represent a true equilibrium. (21 Refs)

Subfile: A

20/7/12 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

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01742561 INSPEC Abstract Number: A81087855

**Title: Rotational dynamics of rigid rods-a dynamic light-scattering study**

Author(s): Maguire, J.F.

Author Affiliation: Lab. for Phys. Chem., Univ. of Amsterdam, Amsterdam, Netherlands

Journal: Journal of the Chemical Society Faraday Transactions II vol.77, pt.3 p.513-18

Publication Date: 1981 Country of Publication: UK

CODEN: JCFTBS ISSN: 0300-9238

Language: English Document Type: Journal Paper (JP)

Treatment: Experimental (X)

Abstract: Reports measurements of the homodyne light-scattering correlation function,  $\text{mod } S(k, t) \text{ mod } / \text{sup } 2/$ , for the rod-like **virus** M-13 over the concentration range 0.20-2.0 mg cm<sup>3</sup>. In dilute solution the correlation function shows the usual double-exponential behaviour expected for a rod executing essentially free translational and rotational diffusion. At higher concentrations the initial decay is less rapid and there is clear evidence of a slowly decaying long-time 'tail'.

Experimentally the authors find the initial slope in the semi-dilute regime to be about half that found in dilute solution and at long times  $\text{mod } S(k,t)$   $\text{mod } / \text{sup } 2/$  varies as  $t / \text{sup } -1.1 \text{ or } -0.2/$ . The above results are in good **agreement** with the recent theoretical predictions of Doi and Edwards (DE) (1978). However, at the wavevectors probed in the present study the DE equation for  $S(k,t)$  leads to rather unphysical estimates for both the rotational and translational diffusion coefficients. A possible rationale for this behaviour is briefly discussed. (14 Refs)

Subfile: A

20/7/13 (Item 13 from file: 2)

DIALOG(R)File 2:INSPEC

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01387440 INSPEC Abstract Number: B79035267, C79024853

**Title: The implications of SPC for public telephone networks**

Author(s): Baker, P.J.; Schramel, F.J.

Author Affiliation: Phillips Telecommunications, Hilversum, Netherlands

Journal: Telecommunication Journal (English Edition) vol.46, no.6

p.312-19

Publication Date: June 1979 Country of Publication: Switzerland

CODEN: TCJOA6 ISSN: 0497-137X

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

**Abstract:** Briefly reviews the history of stored-program-controlled (SPC) telephone systems up to the present day, highlighting milestones in their development and outlining their general design philosophy and operating functions. The concept of computer (processor) control is discussed at length, attention being given to the advantages and economies afforded in terms of reliability, flexibility, operation and maintenance. The essential criteria for evaluating SPC systems are appraised in detail, due emphasis being placed on the system software aspects and their significance within the context of **fault detection**, **system recovery** and **reconfiguration** procedures, overall availability and the ability for implementing expansions, changes and the introduction of new services. The disadvantages of conventional hierarchical analogue telephone networks and the drawbacks they present for effective and economical operations management are used as a basis for comparison with SPC automatic telephone networks. The article concludes by reviewing the coming integrated switching and transmission systems linked to national administrative systems and their effects on information interchange world-wide, the continuously expanding use of regional satellites, cable and radio transmission systems in developing countries and the task facing administrations and industry in providing proper training and service facilities. The need for international **agreements** on such matters as route utilization on transcontinental tracts, tariffs, etc., are also briefly mentioned. (7 Refs)

Subfile: B C

20/7/14 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

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00396197 INSPEC Abstract Number: C72012853

**Title: Application of gradient search procedures for the identification of unknown system parameters from system response observations**

Author(s): Laurenson, R.M.; Baumgarten, J.R.

Author Affiliation: McDonnell Douglas Astronautics Co., St. Louis, MO, USA

Journal: Transactions of the ASME. Series B, Journal of Engineering for Industry vol.94, no.1 p.109-14

Publication Date: Feb. 1972 Country of Publication: USA

CODEN: JEFIA8 ISSN: 0022-0817

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Theoretical (T)

Abstract: Techniques for identifying and evaluating the physical parameters of nonlinear dynamic systems are investigated. A method is developed for converting the measured dynamic response of a system into estimates of its unknown dissipation function. A computational algorithm employing an optimization or gradient search technique is presented for determining the unknown system parameters. This procedure uses a least squares criterion function to determine the measure of **agreement** between the mathematical representation of the system and the physical **system**. The technique is especially **adaptable** to the identification **problem** of **determining** the dissipation function of a nonlinear shock absorber. (10 Refs)

Subfile: C

20/7/15 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01254143 ORDER NO: AAD92-37108

**CONVERGENCE AND FIXED-POINT ROUND OFF ERROR ANALYSIS OF THE RLS ALGORITHM AND AN APPLICATION TO MOBILE COMMUNICATIONS**

Author: ADALI, TULAY

Degree: PH.D.

Year: 1992

Corporate Source/Institution: NORTH CAROLINA STATE UNIVERSITY AT RALEIGH (0155)

Chairman: SASAN H. ARDALAN

Source: VOLUME 53/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3662. 120 PAGES

New expressions are derived for the mean weight misadjustment in the fixed-point recursive least squares (RLS) algorithm. These expressions are general, in that they take into account the correlation in the input. Input correlation is shown to be an important factor affecting the performance of the algorithm, and its interaction with the noise sources in the algorithm is analyzed in detail. It is shown that the additive system noise is amplified by a correlation amplification factor which is defined as a function of the input autocorrelation matrix eigenvalues. Correlation also amplifies the effect of roundoff error due to the desired signal estimate computation. It is also demonstrated that **tracking** noise and weight update roundoff **error** behave similarly in that their contributions are proportional to the time constant of the algorithm. The roundoff error due to weight update increases when the forgetting factor approaches 1, and leads to the divergence of the algorithm when the forgetting factor is equal to 1. A new stabilization technique is proposed to eliminate this random walk phenomenon. This method is analyzed for the conventional RLS algorithm showing that the divergence is prevented. Conditions are determined for the termination of updating which is an important problem in the finite precision implementation of **adaptive** filters. Since additive **system** noise and tracking noise can be present even if the algorithm is implemented in infinite precision, these results are applicable to the infinite precision RLS problem, and yield new expressions for the weight misadjustment also in this case. The original results of the analyses are checked by simulations and perfect **agreement** with the theory is observed. An important application of the RLS algorithm in adaptive filtering is equalization of mobile communication channels where fast convergence is a strong requirement. A stable multichannel general order fast RLS algorithm is derived and applied to the equalization of mobile communication channels



with decision feedback. It is shown that the algorithm successfully equalizes the channel.

20/7/16 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01240537 ORDER NO: AAD92-28673

**EFFECT OF MOLECULAR ORIENTATION AND ENTANGLED POLYMER ADDITIVES ON THE ELECTROPHORESIS OF BIOPOLYMERS IN FREE SOLUTION**

Author: GROSSMAN, PAUL DAVID

Degree: PH.D.

Year: 1991

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, BERKELEY (0028)

Source: VOLUME 53/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2432. 229 PAGES

Two studies are described which explore unique aspects of electrophoretic separations in a capillary electrophoresis format.

First, the effect of molecular orientation on the electrophoretic mobility of rod-shaped poly-ions as measured by free solution capillary electrophoresis is studied using the tobacco mosaic **virus** (TMV) as a model solute. This orientational dependence of molecular mobility is measured by observing the influence of electrical field strength (up to 400 V/cm) on the electrophoretic mobility of TMV. The electrophoretic mobility of TMV increases with increasing field strength. This increase can be quantitatively correlated with the decrease in the translational frictional coefficient ( $f$ ) due to the increasing alignment of TMV with the electric field. A model is developed relating the decrease in  $f$  to the alignment of TMV with the electric field through its polarizability and aspect ratio.

Second, electrophoretic separations of DNA restriction fragments in low-viscosity ( $\leq 2$  cp) semi-dilute polymer solutions of hydroxyethyl cellulose (HEC) using capillary electrophoresis were studied. Rheological studies confirmed that the entanglement threshold ( $\Phi^*$ ) for the solution is approximately 0.004 g/ml, in good **agreement** with theoretical predictions. A mesh size an order of magnitude smaller than that found in agarose gels (on a per weight basis) was calculated using polymer-entanglement theory and was confirmed by electrophoretic measurements. In addition, dynamic light scattering measurements were performed in order to confirm the mesh size and the scaling behavior predicted by entanglement theory. The dependence of mesh size,  $\xi$ , on the polymer concentration,  $C$  (g/ml), was found to be  $\xi(A) = 6.0 C^{(-0.68)}$  in good **agreement** with the predictions of entanglement theory. Electrophoretic migration of the restriction fragments was shown to follow the Ogston regime under most conditions. An approach for designing entangled systems with smaller mesh sizes is presented.

20/7/17 (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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823696 ORDER NO: AAD83-19478

**LASER LIGHT SCATTERING STUDIES OF BIOPOLYMER DYNAMICS IN THE PRESENCE AND ABSENCE OF ELECTRIC FIELDS**

Author: WILCOXON, JESS PATRICK

Degree: PH.D.

Year: 1983

Corporate Source/Institution: UNIVERSITY OF WASHINGTON (0250)

Source: VOLUME 44/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1698. 359 PAGES

Dynamic Light Scattering (DLS) and Electrophoretic Light Scattering (ELS) are used to study the dynamics of viruses, DNAs, and polyelectrolytes in the presence and absence of external electric fields. DLS studies of M-13 and TMV viruses were performed over the wavevector ( $K$ ) range  $0.2 \times 10^{(10)}$  (LESSTHEQ)  $K^{(2)}$  (LESSTHEQ)  $22 \times 10^{(10)}$   $\text{cm}^{(-2)}$ . An exact theoretical expression for the apparent diffusion coefficient  $D(\text{app})(K)$  of a thin rigid rod with arbitrary anisotropy of its translational diffusion coefficient ( $\Delta$ ) is derived. The curve of  $D(\text{app})$  vs.  $K^{(2)}$  for TMV agrees with the theoretical expression over the entire  $K^{(2)}$  range and yields the translational diffusion constant  $D(,0) = 4.19 (+OR-) 10 \times 10^{(-8)}$   $\text{cm}^{(2)}/\text{sec}$  (corrected to 20,w conditions) and the first experimentally measured anisotropy  $\Delta = 1.79 (+OR-) 0.38 \times 10^{(-8)}$   $\text{cm}^{(2)}/\text{sec}$ . For M-13 virus we established  $D(,0) = 2.31 (+OR-) .1 \times 10^{(-8)}$   $\text{cm}^{(2)}/\text{sec}$  and  $\Delta = 1.23 (+OR-) .3 \times 10^{(-8)}$   $\text{cm}^{(2)}/\text{sec}$ .

The effect of changes in temperature on  $D(\text{app})(K)$  for linear (PHI)-29 DNA were studied.  $D(\text{app})(K)$  (for all  $K$ ) scales closely as  $T/(\eta)$  (temperature/viscosity) for temperatures between -0.5 to +70(DEGREES)C in agreement with the predictions of a Rouse-Zimm (RZ) model with rms subchain extension  $b = 1057$  (ANGSTROM). These results imply that any temperature dependence of the flexural and torsional rigidities of DNA must be weak. At the melting temperature  $T(,m) = 76$ (DEGREES)C. and continuing to  $T = 87$ (DEGREES)C, both  $D(,0)$  and  $D(,pl \text{ at})$  (the limiting value of  $D(\text{app})$  at high  $K^{(2)}$ ) decrease. We interpret this as an increase in backbone flexibility accompanied by intermolecular aggregation as predicted by the theory of Shibata et al.

Using DLS, the titratable joint phenomena in native (PHI)W-14 DNA was confirmed by comparison with its acetylated form. In a collaborative study with John Shibata, supercoiled M13mp7 was studied by a combination of DLS, static light scattering, circular dichroism, and agarose gel electrophoresis and found to exhibit several distinct structural conformers whose properties are discussed.

ELS and DLS were employed to study changes in mobilities ( $(\mu)(,E)$ ),  $D(\text{app})$ , and ELS linewidths in solutions of poly(L-lysine) (PLL) as a function of added salt ( $C(,s)$ ), polyion concentration ( $C(,p)$ ), and molecular weight (M.W.). A very slow component was found to be responsible for dephasing of the ELS signal in both low and high salt. . . (Author's abstract exceeds stipulated maximum length. Discontinued here with permission of author.) UMI

20/7/18 (Item 1 from file: 233)  
 DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00543527 99MW08-022

**Generation gap -- Bring your old devices and new Mac together with Macworld's SCSI expert guide**

De Nike, Kristina; Seff, Jonathan

Macworld , August 1, 1999 , v16 n8 p82-86, 5 Page(s)

ISSN: 0741-8647

Company Name: Orange Micro; Initio

URL: <http://www.orangemicro.com> <http://www.initio.com>

Product Name: Orange Micro Grappler SCSI 906F; Initio Miles

Presents a buyers' guide to SCSI cards. Tests 16 cards which, it says, can harmoniously bring an old Macintosh and new peripherals together. Discusses whether users will want to adapt their old system to new peripherals, choosing the right type of SCSI, installing the card correctly, and taming some common SCSI problems. Includes a chart of all tested cards that is divided into the categories of Fast Narrow, Ultra

Narrow, Ultra Wide, and Ultra2 Wide. Names the Orange Micro Grappler SCSI 906F (\$49) from Orange Micro (714) as the best Narrow SCSI card. Says that it lets users move old SCSI devices to their new G3, with minimal damage to their wallet. Names the Initio Miles (\$169) from Initio (800) as the best Wide SCSI card. Indicates that it has a respectable **warranty**, Wide and Narrow ribbon cables, and RAID software, ``all at a very nice price. Rates both cards four on a scale of one to five. Includes four photos and two charts. (CT)

20/7/19 (Item 1 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00115220 DOCUMENT TYPE: Review

PRODUCT NAMES: Computer Resource Management (832472)

TITLE: Asset Management: Containing Your IT Costs

AUTHOR: Akin, Scott

SOURCE: MicroTimes, v189 p162(6) Feb 3, 1999

HOME PAGE: <http://www.microtimes.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Total cost of ownership (TCO) and desktop asset management remain important concerns of IT managers. With desktop maintenance running to as much as \$10,000 annually, vendors are including more desktop management tools for hardware and software inventory, **configuration management**, and software distribution into their operating systems and network OSs. A basic inventory of hardware 'on the floor' of a business is an essential starting point to more complete asset inventories and TCO analysis. A complete inventory of desktop resources will also ease other processes, such as remote maintenance and software distribution. Inventories can be done using software packages, or can be outsourced. Completed inventories should then be tied to other processes that incur costs related to these products, including lease and maintenance **contracts**, lionizing **agreements**, and technical support resources. Standardized hardware and software configurations of desktops will also reduce costs and ease maintenance. All desktops can receive standardized maintenance and upgrades through the use of policy-based management systems. All major vendors have or are developing more sophisticated policy-based management tools and applications, many of which are linked to Intel's Wired for Management initiative. A systems manager says the three most important issues in managing desktops are controlling software used on computers, sufficient application training for users, and **virus** protection.

REVISION DATE: 20020630

20/7/20 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09566278

How to keep CDs in their place

AUSTRALIA/NEW ZEALAND: CENTURY CD TO BE RELEASED

New Zealand Herald (XAV) 17 Jul 2001 Online

Language: ENGLISH

A compact disc storage system, called Century CD, will be available in <Australia and New Zealand> in August 2001. The product was invented by an Australian, Daniel Elbaum, at Project Lab. Another product is the Century-CD Rewritable. The Century-CD Rewritable and the Century CD will be retailed at US\$ 500 and US\$ 200, respectively. The 40- **cm** <centimetre> Century CD can be stacked up to 10 units and it can be linked by a Universal Serial Bus to personal computers. At the same time, Project Lab has secured an **agreement** with Computer Associates <US-based software major> to bundle Computer Associates' Inoculate **virus** protection and the ACCServe recovery and back up software with the Century CD. In 2002, Project Lab will released a DVD version of the Century CD.

20/7/21 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)  
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06618757

Vabda System

HONG KONG: VANDA TO SOLVE YEAR 2000 PROBLEM  
Sing Tao Daily (XKL) 28 Apr 1998 p.b6  
Language: CHINESE

Vanda System signed a **contract** with Keller Ltd to provide IBM BYPASS2000 solution and consultancy service for Year 2000 **problem**. IBM BYPASS2000 can automatically **track** the operation computer date **system**, and **adjust** program and data base, reducing manpower to solve Year 2000 problem. \*  
?

?show files;ds

File 13:BAMP 2003/Jan W4

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File 75:TGG Management Contents(R) 86-2003/Feb W4

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| Set | Items  | Description   |
|-----|--------|---|
| S1  | 5229   | INTRUSION OR INTRUDER? OR VIRUS OR VIRAL OR HACKER? OR INVADER?   |
| S2  | 147101 | ANOMOLIES OR ANOMALY OR ERROR? ? OR PROBLEM? ? OR TROUBLE? OR FAULT?  |
| S3  | 11114  | (S1 OR S2) (5N) (DETECT? OR DETERMIN? OR TEST? OR EVALUAT? OR ANALYZ? OR TRACK?)  |
| S4  | 79370  | CONTRACT? ? OR AGREEMENT? ? OR WARRANTY? OR WARRANTIES? OR LEGAL() (DOCUMENT? OR INSTRUMENT) OR CONTRACTUAL OR CERTIFICATE? ?   |
| S5  | 3487   | S3 AND S4   |
| S6  | 388    | S3(S)S4   |
| S7  | 3985   | ((MAKING OR MAKE OR MAKES) (2W)CHANGE? ? OR ADJUST? OR ADAPT? OR RECONFIGUR? OR REARRANG? OR REORGANI?) (5N) (COMPONENT? ? OR SYSTEM OR HARDWARE OR COLOR OR COLOUR OR PARTS OR FEATURES OR ROUTING OR PATH? ?) |
| S8  | 1      | S6(S)S7   |
| S9  | 1      | RD (unique items)   |
| S10 | 995    | (CHANGE OR CONFIGURATION) (2W)CONTROL?  |
| S11 | 70     | S10(S) (CONTRACT? ? OR CONTRACTUAL)   |
| S12 | 1      | S3(S)S11  |
| S13 | 1      | RD (unique items)   |
| S14 | 1175   | CONFIGURATION()MANAGEMENT OR CM   |
| S15 | 68     | S14(S) (CONTRACT? ? OR CONTRACTUAL OR LEGAL() (AGREEMENT OR INSTRUMENT? ?))   |
| S16 | 0      | S7(S)S15  |
| S17 | 0      | S1(S)S15  |
| S18 | 6      | S1(S)S10  |
| S19 | 6      | S16:S18   |
| S20 | 6      | RD (unique items)   |
| S21 | 76     | S9 OR S13 OR S20 OR S15   |
| S22 | 75     | RD (unique items)   |

?t22/3,k/all

22/3,K/1 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

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01297028 03681334 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Strategic drivers of contract manufacturing: Part I, the theory. medical device manufacturers and diagnostics companies have significantly increased their use of contract manufacturers to outsource production of components. This, the first of a two-part article, reviews strategic benefits and best practices in outsourcing. (manufacturing).**

Medical Device Technology, v 13, n 10, p 14

December 2002

DOCUMENT TYPE: Journal ISSN: 1048-6690 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1473

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...evaluate potential CMs, a clearly defined business unit should own the process for selecting a CM and there should be documented processes for

identifying, selecting and certifying CMs. These processes should...

...reevaluated on a frequent basis. Primaries can use "hard" and "soft" criteria to evaluate possible CM partners. Hard factors include initial costs of manufacturing, tooling and capital, which are included in the total cost of ownership over the life of the partnership. Soft factors include the CM's flexibility in dealing with unexpected surges in demand and its responsiveness to unusual customer...

...into any outsourcing agreement; these agreements need a "safety hatch" so that primaries can switch CM vendors if necessary. **Contracts** should also include plans for year-on-year cost reductions and performance-based incentives and...

22/3,K/2 (Item 2 from file: 13)  
DIALOG(R)File 13:BAMP  
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01279560 03595038 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Determining what is HIPAAffordable: a professional costing approach to  
HIPAA implementation. (HIPAA Watch).**  
(Health Insurance Portability and Accountability Act)  
Health Management Technology, v 23, n 10, p 16  
October 2002  
DOCUMENT TYPE: Journal ISSN: 0745-1075 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1723

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...000 per year. Savings of 50 percent to 60 percent are possible through outsourcing.

IT **configuration** management. Covers **controls** put into place to prevent user adaptations to standard system configurations (including individual workstations) that...

...management systems, hardware inventory control, OS and network upgrades supporting "minimum necessary" restrictions, and strengthened **virus** protection.

The major cost driver is the number of computers that must be managed, and ...

22/3,K/3 (Item 3 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01278726 03589103 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Solectron prepares for the upturn: Solectron is centralizing its strategic  
purchasing and giving greater responsibility to commodity teams to  
manage suppliers as the number one EMS provider gets ready for the  
turnaround. (Purchasing Strategy).**

Purchasing, v 131, n 17, p 31  
October 24, 2002  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2125

TEXT:

...in order so it can better serve customers and ride the next upturn.

The leading **contract** manufacturer ( **CM** ) has implemented a number of strategic purchasing and supplier management initiatives designed to improve relationships...

22/3,K/4 (Item 4 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01271608 03527970 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The repairman cometh: CMs take on repairs, call centers and other after-market services. (Contract Manufacturing)**  
(electronics contract manufacturers move into repairs and other reverse logistics services)  
Article Author(s): Roberts, Bill  
Electronic Business, v 28, n 9, p 50(12)  
September 2002  
DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 14241

TEXT:

...Canton, MA, a year ago some observers wondered if executives at the world's largest **contract** manufacturer ( **CM** ) had been sniffing too much PCB dust.

"A call center is a good business, but...

22/3,K/5 (Item 5 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01268863 03507618 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**MKS wins federated contract. (Contract Closeup)**

Article Author(s): Gallagher, J  
Insurance & Technology, v 27, n 10, p 10(1)  
September 2002  
DOCUMENT TYPE: Journal ISSN: 1054-0733 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 168

TEXT:

...use of four independent version-control tools, Federated Insurance Companies (Owatonna, MN) has awarded a **contract** to MKS Source (Waterloo, ON) for use of its MKS Source Integrity Enterprise for software **configuration management** .

Before seeking this solution, according to Dale Phiefer, senior programmer analyst, Federated Insurance Companies, the...

22/3,K/6 (Item 6 from file: 13)  
DIALOG(R)File 13:BAMP  
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01268689 03507871 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Save money now! Read this column: organizations are starting to consider purchasing content management software with virtually no idea of what is involved in the selection of the software, or the implementation issues. (Behind the Firewall)**

(advice on selecting and implementing content management system)

Article Author(s): White, Martin

EContent, v 25, n 9, p 47(2)

September 2002

DOCUMENT TYPE: Journal ISSN: 1525-2531 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1397

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Two Designs Pty. Ltd. based in Sydney, Australia. Like Boiko, Robertson has been involved in **CM** projects for some time, and writes from practical experience. Like the Planner, the 64-page...

...set of Word templates. The Toolkit deals with Content Creation, Content Management, Publishing, Presentation, and **Contract** and Business. In all, the Toolkit covers 112 elements of an RFP.

The \$375 Toolkit...

**22/3,K/7 (Item 7 from file: 13)**

DIALOG(R)File 13:BAMP

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01259976

03423549 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Stock price reactions to Sino-European joint ventures.**

Article Author(s): Meschia, Pierre-Xavier; Cheng, Louis T W

Journal of World Business, v 37, n 2, p 119(8)

Summer 2002

DOCUMENT TYPE: Journal ISSN: 1090-9516 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 5998

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

| Serial no. | Company name                     | Ownership | European partner (%) | Sector | Contract amount (U.S.\$ million) |
|------------|----------------------------------|-----------|----------------------|--------|----------------------------------|
| 68         | Shanghai Suez-Lyonnaise des Eaux | France    |                      | Hainan | Coast                            |
| 1          | Alcatel                          | EM        | NA                   | Ind    | NA                               |
| 2          | AXA...4                          | Aventis   | EM                   | 75     | Ind 50                           |
| 5          | Seita                            | 50/50     | 50                   | Ind    | NA                               |
| 6          | Flo                              | CM        | 40                   | Serv   | 5                                |
| 7          | PPR (Rexel)                      | EM        | 65                   | Serv   | 13                               |
| 8          | TMM                              | EM        | 55                   | Ind... |                                  |
| ...        | NA                               |           |                      |        |                                  |
| 10         | Alcatel                          | EM        | 55                   | Ind    | 32                               |
| 11         | Pechiney                         | EM        | 55                   | Ind    | NA                               |
| 12         | Alstom                           | CM        | 40                   | Ind    | 150                              |
| 13         | Rhodia                           | CM        | 45                   | Ind    | 40                               |
| 14         | Renault                          | 50/50     | 50                   | Ind    | 40                               |



Search Report from Ginger D. Roberts

|                   |                    |       |       |        |       |
|-------------------|--------------------|-------|-------|--------|-------|
| 15                | Prudential         | 50/50 | 50... |        |       |
| ...16             | Billiton           | EM    | 65    | Ind    | 560   |
| 17                | CGNU               | 50/50 | 50    | Serv   | NA    |
| 18                | Bass               | CM    | NA    | Ind    | 13    |
| 19                | BP Amoco           | EM    | 60    | Ind    | 33000 |
| 20                | BP Amoco           | EM    | NA    | Ind    | NA    |
| 21                | BP Amoco           | CM    | NA    | Ind    | 670   |
| 22                | Accor              | CM    | NA    | Serv   | NA    |
| 23                | Michelin           | EM    | 70    | Ind    | 125   |
| 24                | LVMH               | EM    | NA    | Serv   | NA    |
| 25                | New Holland (Fiat) | CM    | NA    | Ind    | NA    |
| 26                | BioData            | CM    | NA    | Ind    | 3     |
| 27                | Dresdner Bank      | 50/50 | 50    | Serv   | NA    |
| 28                | Thyssen Krupp      | EM... |       |        |       |
| ...50/50          | 50                 | Serv  | NA    |        |       |
| 30                | KM Europa Metal    | EM    | NA    | Ind    | 12    |
| 31                | Lufthansa          | CM    | NA    | Serv   | NA    |
| 32                | Commerzbank        | 50/50 | NA    | Serv   | 50    |
| 33                | Siemens            | 50/50 | NA... |        |       |
| ...12             |                    |       |       |        |       |
| 38                | ING                | EM    | NA    | Serv   | 1500  |
| 39                | AstraZeneca        | EM    | NA    | Ind    | 100   |
| 40                | BAA                | CM    | 49    | Serv   | 5     |
| 41                | Deutz              | EM    | 75    | Ind    | NA    |
| 42                | MTU                | 50/50 | 50    | Ind... |       |
| ...48             | Iveco (Fiat)       | EM    | 50    | Ind    | 110   |
| 49                | Generali           | EM    | 60    | Serv   | NA    |
| 50                | DSM                | CM    | 25    | Ind    | NA    |
| 51                | Infomatec          | EM    | 51    | Serv   | NA    |
| 52                | Oberthur           | EM    | NA    | Ind    | NA    |
| 53                | Vodafone           | CM    | NA    | Serv   | NA    |
| 54                | Michelin           | CM    | 30    | Ind    | 55    |
| 55                | Volkswagen         | EM    | 60    | Ind    | 110   |
| 56                | BASF               | 50/50 | 50    | Ind... |       |
| ...Ericsson       |                    | 50/50 | 50    | Ind    | 15    |
| 60                | Nokia              | 50/50 | 50    | Ind    | 1500  |
| 61                | Fortis             | CM    | 35    | Serv   | NA    |
| 62                | Volkswagen         | CM    | 30    | Serv   | 33    |
| 63                | Shell              | 50/50 | 50    | Ind    | 3300  |
| 64                | Solvay             | EM    | 65    | Ind... |       |
| ...Suez-Lyonnaise | 1                  | 2001  |       |        |       |
|                   | des Eaux           |       |       |        |       |

Coast: coastal; N-Coast: non-coastal; EM: European majority; CM : Chinese majority; Ind: industrial sector; Serv: service sector; NA: not available.

Table 1  
descriptive statistics...

22/3,K/8 (Item 8 from file: 13)  
DIALOG(R)File 13:BAMP  
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01255268 03381069 (USE FORMAT 7 OR 9 FOR FULLTEXT)

March 10, 2003 5 12:31

**Feds confront their legacy applications: Many ask, 'How do we get there from here? (Special Report)**

Article Author(s): Lais, Sami  
Government Computer News, v 21, n 10, p 1(7)  
May 06, 2002  
DOCUMENT TYPE: Journal ISSN: 0738-4300 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3450

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...and Project: Visio 2000;  
www.sra.com

Erwin; COgnos; ColdFusion; PVCS  
and Visual SourceSafe for  
**configuration control and problem  
tracking** : DOORS for requirements  
management

Unisys Corp.  
Blue Bell, Pa.  
703-556-5400  
www.federal.unisys.com  
Vendor

Oracle, PeopleSoft, SAP, Siebel  
CRM, Windows 2000, Web-  
enablement applications

American Management  
Systems Inc...

Federal **contracts** and  
examples of past work  
GSA IT Schedule, GSA MOBIS Schedule,

22/3,K/9 (Item 9 from file: 13)  
DIALOG(R)File 13:BAMP  
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01251232 03341370 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Look into the future of Content Management: Predictions of consolidation  
are premature. Market still supports a large and growing number of  
vendors.**

Article Author(s): Byrne, Tony  
EContent, v 25, n 4, p 18(5)  
April 2002  
DOCUMENT TYPE: Journal ISSN: 1525-2531 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2381

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...major independent vendors with venture funding and established client  
bases keep chugging along with new **contracts** and expanding services  
business. Consider eGrail, which recently landed a major installation at  
the U...

...Quint, eGrail's director of corporate communications, sees fresh  
projects as a sign that the **CM** market is weathering the economic downturn  
very well. "Our investors continue to support us," he...

22/3,K/10 (Item 10 from file: 13)  
DIALOG(R)File 13:BAMP  
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01249447

03326553 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Dealing components: What's the best hand for global distributors and their customers? (Distribution): Part 1 of 2**

Article Author(s): Jorgensen, Barbara

Electronic Business, v 28, n 4, p 72(7)

April 2002

DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2815

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...our distribution partners to ensure global support," says Mike Dennison, director of global procurement for **contract** manufacturer Flextronics International Ltd., San Jose, CA. Let's say a big OEM wants Flextronics...

...a key chip in the region where Flextronics is manufacturing the board. Now the largest **CM** in the world, \$12-billion Flextronics negotiates directly with the chip maker to suspend franchise...Worth, TX. Let's say a PC company outsources its board production and purchasing to **contract** manufacturer "A" in France. Then the PC maker moves that board's manufacturing to **CM** "B" in Hong Kong. **CM** A has been purchasing board components from its preferred vendors based in France. But once the board moves, **CM** B will have to recreate the wheel, negotiating purchasing, terms and conditions with its preferred...

...pare down the transition process from months to weeks, Conrad says.

In another scenario, a **contract** manufacturer wants to shift board production from one of its sites to another. "We can work with the **CM** to synchronize the ramp-down of the board at the first site with the ramp...

...plan the depletion of inventory at site A with buildup of inventory at site B. **Contract** manufacturers, in general, store inventory at the site where it's needed, but also store...

...sales from distribution to direct," says Thomas Weisel's Sheerin.

The increasing power of large **contract** manufacturers, which prefer to source the majority of their product direct, ...into distribution's market share. Rather than vying for a small piece of the mega-**CM** pie, distributors should pay more attention to smaller accounts in foreign regions, Sheerin says. "There...

22/3,K/11 (Item 11 from file: 13)

DIALOG(R)File 13:BAMP

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01248991

03310945 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IBM tracks benefits of centralized sourcing data**

Purchasing, v 131, n 5, p 36S2

March 21, 2002

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1481

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...developed the A-Source application, which automatically compares a costed bill of materials from a **CM** to an internal one from IBM. "From there, we have three alternatives," Meaden says. "One is let the **CM** buy themselves if we don't have an advantage. Number two is let the **CM** buy off our **contracts** at our prices because we have an advantage, but we don't need to mask...

22/3,K/12 (Item 12 from file: 13)  
DIALOG(R)File 13:BAMP  
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01241826 03226749 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Design moves into EMS spotlight. (Electronics Outsourcing)**  
(electronics contract manufacturers increasingly provide design)  
Article Author(s): CARBONE, JIM  
Purchasing, v 131, n 1, p 36(3)  
January 17, 2002  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2358

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to their manufacturing partners.

In the not so distant past, the role of the electronics **contract** manufacturer ( **CM** ) was a tactical one. Original equipment manufacturers (OEMs) would farm out manufacturing of a printed circuit board to a **contract** manufacturer when the OEM had an upsurge in demand for a product that it could...  
...outsourcing needs.

Expertise varies

OEM buyers will find that design and repair capabilities vary among **contract** manufacturers. Some CMs are just starting to add capabilities in these areas. Some may have...

...them at all. Buyers obviously need to know what is available to them at the **CM** to make strategic outsourcing decisions for their companies.

OEMs are turning to CMs for design...

22/3,K/13 (Item 13 from file: 13)  
DIALOG(R)File 13:BAMP  
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01241825 03226748 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**ASICs market declines as systems shipments drop. (Semiconductors)**  
(ASICs market declines as systems shipments drop. (Semiconductors))  
Article Author(s): Carbone, James  
Purchasing, v 131, n 1, p 33(2)  
January 17, 2002  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1325

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Graph omitted)

(Graph omitted)

(Graph omitted)

RELATED ARTICLE: WHAT'S HOT

The role of the **contract** manufacturer ( **CM** ) has had a big impact on the electronics supply chain.

Looking to reduce cost, many...

**22/3,K/14** (Item 14 from file: 13)

DIALOG(R)File 13:BAMP

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01240565

03220249 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Outsourcing manufacturing:** in addition to technical ability, some contract manufacturers are expanding the capacity of their operations by 20% per year. This article outlines how to capitalise on this trend and successfully move a manufacturing operation to a contract manufacturer. (manufacturing)

(contract manufacturing of medical device and in vitro diagnostics is growing)

Article Author(s): Strauss, Larry; Geimer, Harald

Medical Device Technology, v 12, n 10, p 10(4)

December 2001

DOCUMENT TYPE: Journal ISSN: 1048-6690 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2211

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to change, which obviously include manufacturing-line and distribution operations. In addition to a formal **contract**, it is strongly recommended that the primary writes a joint service agreement (JSA) to clarify...  
...parties clearly understand their roles and responsibilities before the transition begins. A primary's written **contract** with a **CM** tends to be a static document that focuses on launching the relationship and on dissolving...

**22/3,K/15** (Item 15 from file: 13)

DIALOG(R)File 13:BAMP

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01232890

03144222 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Get more from contract manufacturers**

(Companies like Solelectron and Celestica now offer supply chain services)

Article Author(s): Atkinson, William

Purchasing, v 130, n 22, p 15

November 15, 2001

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1822

TEXT:

...a bet. New logistics and inventory services abound.

In recent years, customers have been expecting **contract** manufacturers (CMs) to expand their manufacturing capabilities. More recently, there has been an additional expectation...

...For example, many customers want to be able to turn a product over to a **CM** at one location and have them arrange for production at two or more of their...

22/3,K/16 (Item 16 from file: 13)

DIALOG(R)File 13:BAMP

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01224505 03055788 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**How CRM is Changing Teleservices for Issuers**

(Third-party telemarketing companies are looking for more qualified employees to better their customer service)

Article Author(s): Simpson, Burney

Card Marketing, v 5, n 7, p 23

September 2001

DOCUMENT TYPE: Journal ISSN: 1095-6263 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3792

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

|        |   |         |           |
|--------|---|---------|-----------|
| ...603 | 441,282   |         |           |
| 19     | InterMedi@Marketing Solutions,<br>West Chester, Pa. | 148,500 | 130,000   |
| 20     | <b>Contract</b> America, La Jolla, Calif.           | 125,000 | NA        |
| 21     | TelèServices Direct, Indianapolis                   | 80,000  | 75,181... |

...card-related inbound calls only and do not reflect other types of inbound calls.

Source: **CM** /Dee Ann Maki

While some experts predicted those technological changes would mean less reliance on...

22/3,K/17 (Item 17 from file: 13)

DIALOG(R)File 13:BAMP

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01220593 03032672 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Creating a Successful Partnership with a Contract Manufacturer**

(Criteria for selecting a pharmaceutical contract manufacturer and recommendations for implementing a technology transfer program)

Article Author(s): Valazza, Michael J; Wada, Gary G

Pharmaceutical Technology, v 25, n 8, p S36

August 2001

DOCUMENT TYPE: Journal ISSN: 0147-8087 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3388

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...R&D) activities also are being outsourced, resulting in a

multiple-partner relationship comprising the **contract** research organization (CRO), the pharmaceutical company, and the **contract** manufacturer ( **CM** ). Pharmaceutical companies select CROs instead of using their in-house research staff because of the...

...of core competence provide a license for vertical integration into noncore activities (2).

Companies providing **contract** manufacturing must be competent and efficient by nature. Their very existence is based upon their...

...or personnel for a product that would underutilize the available capacity, the use of a **CM** offers a competitive alternative (3).

Current trends also have dictated that if a product or...to market, it must not go into the relationship with unrealistic expectations at the outset.

**CM** selection may be based on a company that scores highly in the four Cs: credibility...

...excellent), a score can be calculated for three criteria under each of the four Cs. **Contract** manufacturing candidates that score below 40 (for a particular process) should be avoided (for that...

22/3,K/18 (Item 18 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01220295 03030563 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**TASINI COPYRIGHT JUDGMENT: WHAT IMPACT ON ELECTRONIC VERSIONS?**  
(Discusses implications of the Tasini copyright judgment on electronic databases for both text and pictures)  
Article Author(s): Love, Barbara  
CM/Circulation Management, v 16, n 8, p 20  
August 2001  
DOCUMENT TYPE: Journal ISSN: 0888-8191 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 846

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...exact replicas of magazines and other print products electronically, via the Internet?

As reported in **CM** 's July issue (page 10), some publishers have signed **contracts** and are poised to send out full electronic issues and/or articles via one of...

22/3,K/19 (Item 19 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01215984 02986804 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**HP buyers get Hands On Design**  
(The role of purchasing is expanding at Hewlett-Packard)  
Article Author(s): Carbone, Jim  
Purchasing, v 130, n 14, p 37  
July 19, 2001  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2379

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...HP becomes more strategic, day-to-day component buying for HP systems is handled by **contract** manufacturers. HP is entrusting its **CM** partners with building and testing its systems as well as the distribution of those systems...chain can cost effectively manage the risk," says Billington. It could be the component supplier, **contract** manufacturer, HP, or even the customer such as the bank that opted for the futures **contract** with memory. "Customer may say I'll take the spot price for memory. I'll...  
...buyer of PCs. Or HP will do it or the supplier will do it or **CM** will do it. We spend a lot of time trying to figure out how to...

...customers requirements change and HP needs CMs who can support those changes.

Choosing the right **CM** that best suits the needs of HP and its customer is no easy task because the capabilities of **contract** manufacturers can vary based on type of product, technology and volumes. "Each of them are...

22/3,K/20 (Item 20 from file: 13)

DIALOG(R)File 13:BAMP

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01208018

02898495 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Supply chain services will be key to Arrow's growth**

(Arrow Electronics expects to continue to have strong long-term growth because of the greater role it plays in value-added and supply chain management services)

Purchasing, v 130, n 10, p 58

May 17, 2001

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 934

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...have the necessary volume of chips to make purchase of the programming equipment worthwhile.

A **contract** manufacturer might have the volumes to get a cost-effective return on its investment in the equipment, but "the **CM** has an inventory turn model that requires the **CM** to turn its inventory faster than us," says Scricco. "They don't want those parts..."

22/3,K/21 (Item 21 from file: 13)

DIALOG(R)File 13:BAMP

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01207360

02891978 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Trading suspended?**

(Open market component exchanges have not had the success that many had hoped and these B2B sites may be on their way out)

Article Author(s): Jorgensen, Barbara

Electronic Business, v 27, n 5, p 41

May 2001



DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1358

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...round off the sharp corners of component-supply imbalances. "Public exchanges blend with our traditional **contracts** in a very good way, and we can hold a lot less safety stock," says...

...logistics" auctions, meaning bidding on things such as cargo space on an airplane or a **CM**'s downtime.

NEC, too, uses a private exchange, and also believes public exchanges can play...

**22/3,K/22 (Item 22 from file: 13)**

DIALOG(R)File 13:BAMP

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01205105 02870020 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Who holds the inventory?**

(Although the build to order (BTO) idea may reduce OEM inventory levels, it may present problems for contract manufacturers, which often have to carry buffer stock for the OEM)

Article Author(s): Carbone, Jim

Purchasing, v 130, n 8, p 37

April 19, 2001

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1997

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...stock, it is more predictable. We build to a certain stock level."

In addition, a **contract** manufacturer is entrusted with more responsibility in a BTO or CTO model. "When we build...

...features and options associated with the customer's order," says Boucher. The customer expects the **CM** to understand that if it orders a certain volume of computers to be built, the **CM** knows what the historical penetration rates are for certain features. So the **CM** would know out of every 100 computer orders, what percentage of them historically required 128...

**22/3,K/23 (Item 23 from file: 13)**

DIALOG(R)File 13:BAMP

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01204125 02842899 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Who's Demanding Demand Creation? Part 1 of 2**

(Steve Church, president of Avnet Inc, believes that there is still a little ways to go before suppliers adequately compensate distributors for creating demand for their products)

Article Author(s): Jorgensen, Barbara

Electronic Business, v 27, n 4, p 98

April 2001

DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)

LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2681

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to buy the product from the designing distributor, but later assign the project to a **contract** manufacturer ( **CM** ). This can make it very difficult to track a product's supply chain.

The reason...

22/3,K/24 (Item 24 from file: 13)  
DIALOG(R)File 13:BAMP  
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01202748 02827495 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Buyers are putting the pieces together**

(Despite the fact that most electronics companies are feeling the economic slowdown, **contract** manufacturers ( **CM** ) say interest in electronics manufacturing services (EMS) is growing from OEMs; buyers are looking for EMS providers with purchasing skills as well as the ability to provide a complete turnkey solution)

Article Author(s): Carbone, James

Purchasing, v 130, n 6, p 29-34

March 22, 2001

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2709

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(Despite the fact that most electronics companies are feeling the economic slowdown, **contract** manufacturers ( **CM** ) say interest in electronics manufacturing services (EMS) is growing from OEMs; buyers are looking for...

)

TEXT:

...center to work on design issues concerning new products.

Jim Sacherman, senior vice president at **contract** manufacturer Flextronics, says an OEM buyer will often look for a **CM** to support his company locally and globally. "They want you to work with them locally...

...the buying?

Besides location, OEM buyers need to check out the purchasing operation of the **contract** manufacturer. A **CM** 's purchasing department can be a valuable tool in securing scarce parts when supply gets...there's just not room in the industry for that," says McClung.

He says a **contract** manufacturer has to offer the OEM a turnkey solution that includes helping with the design of the motherboard if necessary. The **CM** should also have the capability to make the tools for the chassis for the OEM...

...product and be able do the final assembly, test and shipment of the product. The **CM** should also have the capability to handle the purchasing and materials management for the components...

22/3,K/25 (Item 25 from file: 13)

DIALOG(R)File 13:BAMP

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01201229 02810675 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Electronics buyers search the world for parts**

(A survey finds that even at small companies electronics buyers are sourcing globally; 66% of respondents cited longer leadtimes as a challenge of global sourcing)

Article Author(s): Carbone, James

Purchasing, v 130, n 4, p 44-48

February 22, 2001

DOCUMENT TYPE: Journal; Survey ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1650

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...in its telephones switches for call centers

"Most of our boards are made by a **contract** manufacturer and the **CM** buys the components for the boards" says Jim Brokaw, a senior buyer at Aspect.

"Someone at the **CM** did not order enough of the interface ICs and we had a crisis situation. It...

22/3,K/26 (Item 26 from file: 13)

DIALOG(R)File 13:BAMP

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01196055 02752454 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Building the Road to Success**

(Decision about whether to renovate, replace or build new library includes planning, design and construction phases; in planning, one needs to select an architect, and gather data, including population projections, building evaluations and cost estimates)

Article Author(s): Henry, Clyde

Library Journal Buyer's Guide and Web Site Directory Supplement, p 8-10

December 2000

DOCUMENT TYPE: Journal ISSN: 0363-0277 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2648

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...types of materials at no additional cost in order to maintain budget.

A construction manager ( **CM** ), rather than the traditional bidding approach, is primarily used for larger library projects. The owner **contracts** with all contractors and subcontractors directly under the consultation of the **CM** , who seeks out the best value for each **contract** . The **CM** also assists with budgeting, **contracts** , and cost issues.

While traditional bidding relies upon the general contractor, who is chosen through...

22/3,K/27 (Item 27 from file: 13)

DIALOG(R)File 13:BAMP

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01195236 02756299 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**CMs beef up SCM services**

(Increasingly, contract manufacturers are taking on supply chain management for OEMs as well as day-to-day buying)

Article Author(s): Carbone, James

Purchasing, v 130, n 2, p 73

January 25, 2001

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1409

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

James Carbone, Executive Editor, TechPlus Edition

Life used to be easier for purchasers at **contract** manufacturers. Fifteen years ago, most **contract** manufacturing business was consignment. CMs would build printed circuit boards for OEMs using parts that were purchased by the OEM and then delivered to the **CM**.

These days CMs aren't just building boards, but entire systems for OEMs. CM buyers...

The OEM negotiates **contracts** with component suppliers and the **contract** manufacturers will buy off the **contracts**. Typically the OEM lets the **CM** handle strategic sourcing of standard lower value parts. However, an emerging trend is for the **CM** to take on strategic sourcing and supply chain management for the OEM as well as the day-to-day buying. As OEMs rely on CMs more, they will entrust the **CM** with more responsibility to manage their supply chain.

"Every year, we get more customers who..."

**22/3,K/28 (Item 28 from file: 13)**

DIALOG(R)File 13:BAMP

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01191494 02710590 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**A matter of trust**

(Among companies with privacy policies in place, 73% use customer data for just internal use, while 17% don't retain data and 9% share data with parties that are carefully selected and screened, according to Cutter Consortium)

Article Author(s): Jorgensen, Barbara

Electronic Business, v 26, n 13, p 118-124

December 2000

DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2788

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...one connection, eConnections provides a link for one-to-many.

For example, instead of a **contract** manufacturer (**CM**) having multiple links with multiple suppliers, the **CM** lets eConnections know with which suppliers (assuming they are members of eConnections) they want to...

**22/3,K/29 (Item 29 from file: 13)**

DIALOG(R)File 13:BAMP  
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01187070 02655584 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Design-build CMs and liability**

(Design-build project delivery changes ways that responsibility is allocated to assure construction complies with plans and specifications, and for worker safety; construction managers fill void left by design professionals)

Article Author(s): Lunch, Milton F  
Consulting-Specifying Engineer, v 28, n 4, p 13  
October 2000

DOCUMENT TYPE: Journal ISSN: 0892-5046 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 499

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...roof during construction, the CM was alleged to be liable under federal safety requirements.

The **CM** was exonerated, however, by showing that the firm did not control the means and methods of construction or of safety precautions. The **contract** called for the **CM** to act only in an advisory capacity to the owner, the bank and the project architect. The **CM** was not empowered to compel contractor compliance with safety measures; the firm could only inform...

**22/3,K/30 (Item 30 from file: 13)**

DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01185406 02642255 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Buyers look to value-added services to lower cost**

(As buyers increasingly demand higher levels of service to reduce costs, electronics distributors are improving their value-added services; discusses the results of a survey of electronics distributors)

Article Author(s): Roos, Gina  
Purchasing, v 129, n 7, p 36-40  
October 19, 2000

DOCUMENT TYPE: Journal; Survey ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1493

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...PURCHASING

A shift in service is also taking place because of strong growth in the **contract** manufacturing industry. "A lot of it has been driven by the change in the customer base from OEM to **CM**," Davidson says. "The relationship with **CM** customers range widely from selling components to complete partnership programs with them and their customers..."

**22/3,K/31 (Item 31 from file: 13)**

DIALOG(R)File 13:BAMP  
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01183127

02638081 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Growth means more consolidation, more services**

(As a result of industry growth, contract manufacturers are expanding their manufacturing capabilities and offering more services)

Article Author(s): Carbone, James

Purchasing, v 129, n 7, p 48

October 19, 2000

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2173

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...and purchasing expertise to customers in addition to leading-edge manufacturing.

The growth of the **CM** industry will be driven by OEMs, which currently outsource some manufacturing, using CMs even more...

...a computer OEM that only outsources a printed circuit board may decide to use a **CM** to build the entire system. In addition, growth will be fueled by OEMs, which have never outsourced before, deciding to use **contract** manufacturers for the first time. Large CMs will see additional growth from acquisitions.

"I see...

...80% of the available market.

While computers may have been the first industry to use **contract** manufacturers, the computer industry still represents huge potential for the **CM** industry. Computer OEMs can still outsource more than they are and new products being developed...

...where there may be a new wave of outsourcing."

Currently, wireless telecommunications equipment is fueling **CM** growth as many cellular phones are built by **contract** manufacturers. That trend will continue for years to come.

However, the industry that represents the...

...Miscoll. "Whole final-system integration is something more CMs are developing because OEMs want that."

**CM** industry growth is having a major impact on **contract** manufacturers' operations. To satisfy OEM manufacturing requirements, CMs are expanding their manufacturing capabilities, often acquiring the facilities of OEMs, for whom they are now building products, or other **contract** manufacturers. In fact, while consolidation in **contract** manufacturing is not new, the rate of acquisition seems to have increased over the past...

...plants in Europe, an Ericsson facility in Europe and the acquisition of Bluegum, an Australian **contract** manufacturer. SCI acquired contact manufacturer EOG and a manufacturing facility of ECI Telcom in Israel...

...for Manufacturers Services, Concord, Mass. "We need business managers to manage across multiple companies. In **contract** manufacturing, we deal with suppliers, my internal manufacturing and my customer's OEM teams. The...

...It's a broader business dynamic and we need someone with a broad

perspective. The **CM** space is demanding that we have more experienced purchasing management-type professionals," he says.  
While...

22/3,K/32 (Item 32 from file: 13)  
DIALOG(R)File 13:BAMP  
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01182295 02609055 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Computer industry buyers deal with tight supplies**  
(Computer industry suppliers say that their supplier strategies and alliances with key suppliers are helping them deal with tight supplies of semiconductors and passives)  
Article Author(s): Carbone, James  
Purchasing, v 129, n 5, p 45-51  
September 21, 2000  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2956

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...as well.

As PC companies outsource more, they entrust the purchase of many components to **contract** manufacturers. Typically the **CM** is given a bill of materials and is sent forecasts weekly. PC companies often negotiate long-term **contracts** with crucial components such as microprocessors and DRAM. However, in a constrained component market a PC company becomes more involved in component buying and will negotiate **contracts** with suppliers of other components such as capacitors, resistors and logic.

"We hire contract manufacturers..."

22/3,K/33 (Item 33 from file: 13)  
DIALOG(R)File 13:BAMP  
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01181082 02597454 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Designing for Dollars: Part 2**  
(Contract manufacturers provide OEMs with services, such as chip-level design, enclosure manufacturing and product design and development; OEMs outsource design to boost design output and save on engineering overhead)  
Article Author(s): Jorgensen, Barbara  
Electronic Business, v 26, n 9, p 108-124  
September 2000  
DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1566

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...other, it could mean a penalty for the OEM, and a major cost for the **CM**," he notes. CMs have to stop their manufacturing line, redesign the product and deal with the inventory. "In most cases, these costs are built into the **contract**," he says. "But there are points where this sort of loss is unrecoverable."

photo omitted...

...team works for competing PC makers, for example.

Ownership and IP protection practices vary from **CM** to **CM**. "We will help (OEMs) to patent products," says Celestica's Shea. "Although if we develop ...

...Inc., Celestica developed a fiber optic fusion process. "This is not a common process in **contract** manufacturing," Shea says. "If we design the process, the IP remains ours."

Plexus doesn't...the end, success in an outsourced-design strategy will depend on the professionalism of a **CM**, **contractual** protection of design and IP for the OEM and detailed agreements on liability issues. Some ...

22/3,K/34 (Item 34 from file: 13)

DIALOG(R)File 13:BAMP

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01181081

02597441 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Designing for Dollars: Part 1**

(Contract manufacturers provide OEMs with services, such as chip-level design, enclosure manufacturing and product design and development; OEMs outsource design to boost design output and save on engineering overhead )

Article Author(s): Jorgensen, Barbara

Electronic Business, v 26, n 9, p 108-124

September 2000

DOCUMENT TYPE: Journal ISSN: 1097-4881 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1690

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...particular agreement. But Flextronics, with corporate offices in Singapore and San Jose, CA, and other **contract** manufacturers (CMs) say OEMs increasingly are availing themselves of **CM**-proffered engineering services. Driven by customer demand, manufacturing subcontractors are providing options ranging from chip...

...product at a time. According to the National Electronics Manufacturing Initiative Inc. (NEMI), an OEM/ **CM** consortium based in Herndon, VA, there are no standards or best practices regarding the outsource of design to **contract** manufacturers. "There has been a lot of concern about product liability if you transfer manufacturing..."

22/3,K/35 (Item 35 from file: 13)

DIALOG(R)File 13:BAMP

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01178600

02574785 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Web, outsourcing revolutionize buying**

(Changes occurring in purchasing due to the fast growth of Web-based e-commerce and outsourcing will transform the role of buyers; buyers will be challenged to find ways to use e-commerce to their advantage)

Article Author(s): Carbone, James

Purchasing, v 129, n 3, p 50-62

August 24, 2000



DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2687

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...regularly.

OEM buyers will also have to decide how much purchasing responsibility to give to **CM** buyers. Major OEMs have commodity teams to manage relationships with key component suppliers for microprocessors...  
...formulate a strategy for the parts and then negotiate agreements with suppliers. The OEM's **contract** manufacturers and then buy under those agreements.

But for other standard, less critical parts, OEM...

...apply it to the purchase order. We send assembly-level demand to the distributors and **contract** manufacturers. The **CM** will blow that assembly-level demand out to component manufacturers and distributors. We electronically consign...

...need them?

The CM challenge

While OEM purchasers will concentrate on more strategic supply issues, **CM** buyers will handle more of the transactional role of purchasing. A key challenge for **CM** buyers will be reducing procurement cycle time as CMs build more products for OEMs, says John Briant, vice president of supply at **contract** manufacturer EFTC in Denver, Colo. **Contract** manufacturers often bid on OEM **contracts** and the cost of bill of materials needs to be factored into the bid. That...crisply, accurately and quickly will be key," he says.

He also says, in the future, **contract** manufacturers and **CM** procurement specialists will be involved earlier in the acquisition of components for an OEM. He sees that **contract** manufacturers, which have traditionally been involved just in the manufacturing of the OEM's product...

...the big picture," says Mejia. "It's not about doing a supply agreement with a **CM**. It's not about doing a **contract** and making sure I have the right price. That's a piece of it. But...

22/3,K/36 (Item 36 from file: 13)

DIALOG(R) File 13:BAMP

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01171960

02511542 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**New software aids in disaster recovery**

(A number of products announced in the past year can go a long way in addressing enterprisewide storage and business recovery issues for customers)

VAR Business, p S10

June 26, 2000

DOCUMENT TYPE: Journal ISSN: 0894-5802 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 456

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...and hardware failures.

Prioritize and Institute Disaster Recovery Measures.

\* Use redundant systems, load balancing, rigid **change controls**, encryption, capacity planning, access control and anti- **virus** software.  
...

**22/3,K/37** (Item 37 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

01171544 02508916 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**E-Procurement: Electronics: Some buyers source large volumes online**

(Over 90% of electronics buyers use the Internet to find information about products and suppliers and 52%--mainly contract manufacturers--buy products via the Internet; discusses cost cutting)

Article Author(s): Carbone, James

Purchasing, v 128, n 10, p S109-S114

June 15, 2000

DOCUMENT TYPE: Journal; Survey ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2651

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...for ways to reduce the cost of procurement as well as leveraging their purchases.

Many **CM** purchasing organizations are scrambling to find ways to use the Internet to lower their costs...

...place purchase orders with their suppliers. Case-in-point: NatSteel Electronics, a \$1.5 billion **contract** manufacturer based in Singapore and San Jose, Calif., uses a service called ECnet to place...

**22/3,K/38** (Item 38 from file: 13)

DIALOG(R)File 13:BAMP

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01168255 02412761 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**What buyers look for in contract manufacturers**

(Seventy percent of purchasing professionals say that their companies use contract manufacturers)

Article Author(s): Carbone, James

Purchasing, v 128, n 4, p 32

March 23, 2000

DOCUMENT TYPE: Journal; Survey ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2270

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...partners for their companies.

Increasingly, it's purchasing's job to evaluate the capabilities of **contract** manufacturers (CMs) and recommend which ones their companies

should use. In most cases, purchasing either selects **contract** manufacturers or is part of a team that chooses CMs. After the manufacturer is selected, often it is purchasing's job to monitor the performance of the **CM**.

Such responsibility is becoming more and more challenging. Reason: OEMs are outsourcing more work to...

...involved in build to order and configure to order, but only as component suppliers. A **CM** may have been required to ship a board or a cable harness to an OEM...

...the customer's factory, and the customer would configure. It's not just for large **contract** manufacturers. Niche players such as EFTC are offering this."

Mullen says the growth of BTO...

22/3,K/39 (Item 39 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01167371 02462310 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Internet is key to Cisco outsourcing model**  
(Cisco uses the Internet to do business with supply chain partners and to control the quality and integrity of its products)  
Article Author(s): Carbone, James  
Purchasing, v 128, n 8, p 103-104  
May 18, 2000  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 830

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...others 21%  
SOURCE: CAHNERS IN-STAT  
Note: Table converted from pie chart.

In essence, the **CM** handles the order-management process for Cisco. "The order comes in via extranet over Oracle," says Campi. A **CM** sees that order, triggers a build, builds and tests the product and then ships it off to the customer. The **contract** manufacturer pays the distributor for the portion of the bill of material that the distributor manages and the **CM** trigger a receivable to Cisco for the product," says Campi.

Products built this way tend...

...development engineers directly to CMs and those scripts are fed into their manufacturing process."

While **contract** manufacturers build products and distributors handle materials management at the **CM**'s site for Cisco, Cisco maintains control over all strategic sourcing.

"Cisco procures nothing from...

22/3,K/40 (Item 40 from file: 13)

DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01160093 02412786 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**E-procurement at IBM: POs are just the beginning**

(IBM's supply chain management system, which was first developed in 1999, allows it to do business with 95% of its suppliers via the Internet; it is hoping to move the remaining five percent by the end of 2000)

Article Author(s): Carbone, James

Purchasing, v 128, n 4, p S50

March 23, 2000

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2051

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...The Web creates an environment where you can do that," says Paterson. Example: IBM's **contract** manufacturers. IBM sends forecasts and POs to CMs for the printed circuit boards the CMs all the component manufacturers the requirements and they ship parts directly to the CM. Last year, by supply managing both tiers of the supply chain simultaneously, we saved in excess of \$150 million," he says. The savings were the difference between **contract** manufacturers' price for components used on the boards and IBM's price that it had...

...suppliers. "We have a set of Web-based tools and processes uniquely designed around this **contract** -manufacturing activity. We could not have done this without the Web. The time and resources...

22/3,K/41 (Item 41 from file: 13)

DIALOG(R)File 13:BAMP

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01160082 02412769 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The virtual corporation: Where is it?**

(Experts believe that virtual companies are the wave of the future and that many companies will begin focusing on a few key aspects of their business and outsource the remaining areas)

Article Author(s): Porter, Anne Millen

Purchasing, v 128, n 4, p 40

March 23, 2000

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4276

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...can be very high.

"Switching is very difficult," says Freid. "For turnkey programs where the **contract** manufacturer is purchasing raw materials to support a program, the contractor will have a major...

...is ultimately responsible. There may be considerable investment in integrating systems and procedures with the **contract** manufacturer. There may be tooling or equipment that the manufacturer has purchased and installed at the CM's site. All this would have to be uprooted and transferred."

**Contract** manufacturers, Freid says, are well aware of this fact and may not be forthcoming with...

...a mistake, it can be very costly and time-consuming to transfer to a different **CM**."

Despite this, Freid says, "There's an awful lot of trial and error going on ...

...outsourcing objectives and contractor-selection criteria up front. Cost models can be used to estimate **CM** pricing locally and internationally and can help weigh the advantages and disadvantages of offshore sourcing...

...opinions alone). manufacturers need to conduct focused on-site surveys to better understand CMs' capabilities." **Contract** manufacturers, he notes, "have highly polished sales and marketing pitches. manufacturers need to spend time...the CM site can sometimes affect your ability to get the best possible attention."

During **contract** negotiations, Freid says, there's a lot a company can do to set parameters for how they'll be treated by the **CM**. "You can set production schedule change flexibility and key performance expectations. You can set expectations for service and responsiveness in a wide range of ongoing **CM** support activities."

Once **contracts** are written, Freid says regular oversight is still a must for ensuring good performance and continuous improvement from the **CM**. "Unfortunately," Freid says, "the **contract** manufacturing industry is not to the point where you can select, fire, and forget. As...

...work for a long time. "Naturally, they're going to be unwilling to educate the **contract** manufacturer, especially if their jobs are being eliminated. For those working on the outsourcing team...

...in understanding what has not been documented and getting that information written down so the **CM** can come up to speed as quickly as possible."

As the supply management exec for...

22/3,K/42 (Item 42 from file: 13)

DIALOG(R)File 13:BAMP

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01154616

02329062 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**How Pioneer-Standard Applies SCM Strategies In its Distributor Network**

(Since making an effort to integrate supply chain management strategies, Pioneer-Standard has increased sales per employee from just over \$650,000 to almost \$900,000; the company focuses its supply chain management strategies on 3 main areas)

Managing Logistics, n 00-02, p 2-3

February 2000

DOCUMENT TYPE: Newsletter ISSN: 1097-2021 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 812

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...benefit of the supply chain."

In one instance, Pioneer-Standard is helping a large electronic **contract**

manufacturer ( **CM** ) simplify its component ordering and sales forecasting functions. It is providing order quoting for an...

22/3,K/43 (Item 43 from file: 13)

DIALOG(R)File 13:BAMP

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01154106 02355809 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Contract manufacturers to buy more connectors**

(Contracting manufacturers are seeing more responsibility and power in component purchasing, because of the outsourcing by original equipment manufacturers (OEMs); discusses connectors specifically)

Purchasing, v 128, n 2, p 88

February 10, 2000

DOCUMENT TYPE: Journal; Survey ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 281

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

The outsourcing of manufacturing by original equipment manufacturers is resulting in **contract** manufacturers ( **CM** ) having more component purchasing clout. Case in point: Connectors.

Connector industry researcher Ron Bishop says...

22/3,K/44 (Item 44 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

01154080 02342380 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Buyers look to distributors for supply chain services**

(Many contract manufacturers are outsourcing their supply chain management to distributors; other areas that are being handed over to distributors is logistics and inventory management)

Article Author(s): Carbone, James

Purchasing, v 128, n 2, p 50

February 10, 2000

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2768

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...appreciate supply chain management programs because of their diverse, volatile workload. Like an OEM, a **contract** manufacturer has to plan a production line and pipeline inventory and schedule a factory workload. "If the **CM** is doing work for 15-20 different OEMs, all of them are giving the **CM** forecasts. But everyday probably one of them didn't forecast properly and they need extra boards," says Tobin. "That's challenging for the materials manager of the **CM** trying to keep 15-20 different production lines going. It's more challenging than an...lot of support from distribution is the quoting process. "If you think about where the **CM** is in the food chain, it's easy to understand why they have a high...

...using extranets with CMs. Some sites handle a bill of materials and factor in the **CM** 's special **contract** pricing when quoting the parts. Such a tool provides instant information and can save buyers...

22/3,K/45 (Item 45 from file: 13)

DIALOG(R)File 13:BAMP

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01149247 02300557 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Web: Key to electronics contract manufacturing**

(Many electronic original equipment manufacturer (OEM) are turning over both their supply chain management and purchasing strategies to their contract manufacturers (CMs))

Article Author(s): Carbone, James

Purchasing, v 128, n 1, p 73

January 13, 2000

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1992

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...materials. The OEM would purchase all the required parts, then have them shipped to the **contract** manufacturer ( **CM** ), who would then build the board.

However, as the second millennium begins, OEMs are entrusting...

22/3,K/46 (Item 46 from file: 13)

DIALOG(R)File 13:BAMP

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01147685 02258556 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Huge Intranet Project**

(Department of Navy to roll out procurement details for its omnibus Navy/Marine Corp Intranet)

Article Author(s): Shifrin, Carole

Washington Technology, v 14, n 18, p 28,30-31

December 13, 1999

DOCUMENT TYPE: Journal ISSN: 1058-9163 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2490

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...the Naval Air Warfare Center at China Lake, a follow-on to a \$466 million **contract** held by Sverdrup Technology Inc. of Tullahoma, Tenn., since 1995. The work includes a wide range of engineering services related to studies, evaluations, logistic support and **configuration management** of weapons systems. A new **contract** would take effect in September 2000.

Bids also were due in late September for Fielded...

22/3,K/47 (Item 47 from file: 13)

DIALOG(R)File 13:BAMP

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01146536 02271184 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Supplier service is critical to contract manufacturers**

(Most **contract** manufacturers ( **CM** ) consider service to be extremely

important when evaluating suppliers; discusses EFTC criteria for service, including innovation and turn-around time)

Article Author(s): Carbone, James

Purchasing, v 127, n 8, p 35

November 18, 1999

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1869

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(Most **contract** manufacturers ( **CM** ) consider service to be extremely important when evaluating suppliers; discusses EFTC criteria for service, including...

)

ABSTRACT:

Many **contract** manufacturers ( **CM** ) evaluate suppliers on the basis of price, quality, delivery, and service. It is important to...

...rating suppliers they often consider service more heavily than OEMs do. This is generally because **contract** manufacturers cannot respond to their customers' needs without supplier support. The problem with this is...

TEXT:

In many ways, **contract** manufacturers ( **CM** ) evaluate suppliers the same way as their OEM customers do--they measure a supplier's performance on price, quality, delivery, and service. But a major difference is that **contract** manufacturers weigh the performance criteria differently. Often a **contract** manufacturer will weigh service with more importance than an OEM because a **CM** cannot be responsive to its customer needs without the support of suppliers.

Unfortunately, service is...

...delivery, and quality criteria because it is subjective and its definition can vary from one **CM** to the next. At **contract** manufacturer EFTC in Denver, Colo., for example, service includes quoting turnaround time, response to day...

...says John Briant, vice president of materials and logistics. Quoting turnaround time is important, since **contract** manufacturers are often asked to bid on **contracts** . To do so they need a lot of quote support from suppliers. How quickly suppliers respond to an RFQ can make or break the **CM** 's bid for business with an OEM.

But measuring service is another matter. EFTC is...

22/3,K/48 (Item 48 from file: 13)

DIALOG(R)File 13:BAMP

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01139289

02170622 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Client/Server Systems Security and Control**

(Survey finds 81.5% of internal auditor respondents say they are developing or using client/server systems; 84% of these internal audit departments have at some point been involved with the systems)

Article Author(s): Cerullo, Virginia M; Cerullo, Michael J

Internal Auditor, v LVI, n V, p 56-59

October 1999

DOCUMENT TYPE: Journal; Survey ISSN: 0020-5745 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1956



(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...4.28  
Data encryption techniques 3.73  
Server-based considerations:  
Access control system 4.81  
    **Virus** scan programs 4.54  
Protected and restricted locations for servers 4.47  
Application-based considerations:  
System and application **change control** 4.49  
Software version controls 4.31  
Application-level access control programs  
built into the...

**22/3,K/49 (Item 49 from file: 13)**

DIALOG(R)File 13:BAMP

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01131724 02075680

**The Project Manager's Toolbox**

(The use of value management tools is necessary to deliver value in alternative delivery methods such as design/build and GC/CM)

Article Author(s): Meng, Eric

PM Network, v 13, n 8, p 52-57

August 1999

DOCUMENT TYPE: Journal ISSN: 1040-8754 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...want to complete their projects within budget and schedule. The most popular alternative is GC/ **CM** (general contractor/construction management) method. Under this method, the contractor is selected based on their...

...code mitigation, quality benchmarking, partnering, and commissioning as promotional features. Unlike other methods, the GC/ **CM** teams become involved early in the process, as early as the design phase. At times, they may be asked to assume **contractual** responsibility for the management of the design phase. Value engineering is the most misused term in the GC/ **CM** environment. It refers to the process of searching for creative alternatives that increase functionality while...

**22/3,K/50 (Item 50 from file: 13)**

DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

01127019 02031909

**CM buyers look to reduce TOTAL COST**

(Purchasers at contract manufacturers face unique challenges in their procurement strategies)

Article Author(s): Carbone, James

Purchasing, v 126, n 10, p 51-52

June 17, 1999

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...at the same time maintain the flexibility original equipment manufacturers (OEMs) need. ACT is a **contract** manufacturer ( **CM** ) that

creates printed circuit boards, cable and harness assemblies, subassemblies, and systems for OEMs. To...

22/3,K/51 (Item 51 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01124318 02005505

**Arrow looks to ride outsourcing wave**

(Arrow Electronics believes contract manufacturing is developing into an important business sector, and, as such, has recently formed a contract manufacturing services group)

Purchasing, v 126, n 8, p 71-72

May 20, 1999

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Abstract

**ABSTRACT:**

Arrow Electronics recently formed its **contract** manufacturing services as part of its expansion program. This is because it expects **contract** manufacturing to evolve into one of the most important business segments, as proven by the...

...supply pipeline accordingly, without a lot of human intervention." CMS apparently believes that consolidation in **contract** manufacturing will create opportunities for distributors, including the increasing need to buy more parts and services. The company's current thrust is to target everyone in the **CM** community and, thus far, it has developed solutions that are attractive to the largest players...

22/3,K/52 (Item 52 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01124317 02005500

**Kent views contract manufacturing as key to growth**

(Rich Hightower, president of Kent Electronics, says the Internet and contract manufacturing will be very important to electronics distributors in the next several years)

Purchasing, v 126, n 8, p 71

May 20, 1999

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Abstract

**ABSTRACT:**

With the belief that **contract** manufacturing ( **CM** ) and the Internet will have the biggest impact on electronics distribution, Rich Hightower, president of Kent Electronics expects the company to prosper in the future, because **CM** is gradually becoming a larger part of the company's component business. To illustrate, about...

22/3,K/53 (Item 53 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01111525 01836386

**Electronics Purchasing: Contract Manufacturing: CM purchasers can be useful resources**

(Electronics OEMs rely on contract manufacturers for printed circuit

boards/systems, but also need to examine the contract manufacturer's purchasing department)  
Purchasing, v 126, n 2, p 77-79  
February 11, 1999  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Abstract

**Electronics Purchasing: Contract Manufacturing: CM purchasers can be useful resources**

**ABSTRACT:**

When deciding to outsource a printed circuit board or system to a **contract** manufacturer ( **CM** ), an electronic original equipment manufacturer (OEM), aside from evaluating the **CM** 's capabilities and technical experience carefully, must also examine closely the **CM** 's purchasing department. A **CM** purchasing department can also be a vital resource in pinpointing emerging technology trends and changing...

...and technology trends. A case in point is Manufacturers Services (Concord, MA), a \$385-million **contract** manufacturer, which has sites in Malaysia, Singapore, Spain, Ireland, Minnesota, and North Carolina, and has customer-dedicated sites in New Jersey, Virginia, and Silicon Valley. The **CM** has purchasers at these sites and has central global commodity teams for semiconductors, interconnects, passives...

...and peripherals. According to Steve Dahrendinger, vice president of supply management at Manufacturers Services, a **CM** 's purchasers frequently will buy parts from a supplier identified by a customer under the customer's **contract** . At times, however, the **CM** purchaser will bring them an alternative supplier, which occurs more as OEMs get used to outsourcing, and they start to trust **CM** with more responsibility. In addition to offering market intelligence, buyers also are involved in design...

...suppliers. At Manufacturers Services, the purchasing department's role is to steer engineers to the **CM** 's preferred suppliers.

...

22/3,K/54 (Item 54 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01107776 01797517 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Getting Serious About Email Renewals**

(Publishers are increasingly looking to make email a standard part of renewal and requalification; some things to consider include getting address and navigating privacy issues)

Article Author(s): Masikiewicz, Melissa

CM/Circulation Management, p 32-36

January 1999

DOCUMENT TYPE: Journal ISSN: 0888-8191 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4765

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...be finding a way to handle this critical component one way or another.

According to **CM** 's 1999 fulfillment bureau survey (see page 38), most now have in-house email renewal...

...the 32 responding bureaus, 22 report the ability to supply these capabilities in-house, two **contract** them out, and eight more plan to offer them to clients within the next year...

22/3,K/55 (Item 55 from file: 13)  
DIALOG(R)File 13:BAMP  
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01106293 01774753 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Disaster Recovery Planning for the Distributed Environment**  
(Mainframe-based disaster recovery plans may not be the best application in era of distributed networks; internal auditors need to evaluate and recommend updated strategies)  
Article Author(s): Semer, Lance J  
Internal Auditor, v LV:VI, p 40-47  
December 1998  
DOCUMENT TYPE: Journal ISSN: 0020-5745 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3339

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

|                               |                                   |
|-------------------------------|-----------------------------------|
| ...system                     |                                   |
| development life-cycle        | development life-cycle            |
| methodologies.                | methodologies.                    |
| Inadequate program change and | Established program <b>change</b> |
| version <b>controls</b> .     | and version controls.             |
| Multiple vendors that support | Hardware and operating system     |
| a variety of hardware...      |                                   |

|                                   |                                  |
|-----------------------------------|----------------------------------|
| ...Inadequate testing of recovery | Periodic testing of the disaster |
| procedures.                       | recovery plan.                   |
| Significant vulnerability         | Weak <b>virus</b> threat.        |
| to viruses.                       |                                  |
| Poor or non-existent              | Mature programming standards     |
| programming standards and         | and procedures...                |

22/3,K/56 (Item 56 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01104976 01755493  
**More services equal more value to the buyer**  
(Contract manufacturers must work to meet the needs of OEM purchasing)  
Article Author(s): Carbone, James  
Purchasing, v 125, n 8, p 42, 44  
November 19, 1998  
DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)  
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

To realize the predicted 25% yearly growth of **contract** manufacturing ( **CM** ) in electronics for the next several years, **contract** manufacturers will provide more manufacturing and logistics services and will continue to create more value...

...original equipment manufacturers (OEMs). Such trend will be toward more so-called "box build," and **contract** manufacturers will attempt to provide OEMs as many services as possible as they try to...

...a "one-stop shop." This will benefit buyers who have to evaluate the capabilities of **contract** manufacturers and choose which external manufacturers their companies utilize. Since CMS recognize that OEM buyers ...

...attempting to be more vertically integrated to meet these requirements. For instance, K\*Tec, the **contract** manufacturing division of Kent Electronics, is totally vertically integrated. The benefit of this is that ...

22/3,K/57 (Item 57 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01092190 01597174 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**You Can Claim Victory Over Viruses**

(An effective antivirus strategy will rely on more than software alone; when deciding on an antivirus strategy, network managers should consider the nature of the perceived threat, network compatibility, and ease of administration)

Article Author(s): Carden, Philip; Byrne, Laurence  
Network Computing, v 9, n 14, p 102-105  
August 01, 1998

DOCUMENT TYPE: Journal ISSN: 1046-4468 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1799

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**ABSTRACT:**

...network installation and ease of administration. Administration considerations would include maintenance, updating functions and centralized **configuration control**.

**TEXT:**

...a secure proxy server to cache the signature files.

Another user-behavior consideration is centralized **configuration control**. An expensive antivirus suite won't provide any protection if a user has disabled it...

...the boot sequence. Control over scanner activation is of particular interest. There are many different **virus** -detection techniques, and some of them, such as checking all files against a library, can...

22/3,K/58 (Item 58 from file: 13)  
DIALOG(R)File 13:BAMP  
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01084641 01512518

**Contract manufacturing: Cost is the bottom line**

(Outsourcing of component production is growing in the computer, communications, automotive, and industrial control equipment industries; original equipment manufacturers are looking for price efficiency and quality in contract manufacturers)

Article Author(s): Carbone, James  
Purchasing, v 124, n 8, p 38-41  
May 21, 1998

DOCUMENT TYPE: Journal; Survey ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

Original equipment manufacturers (OEMs) of today are outsourcing more of their electronics manufacturing to **contract** manufacturers (CMs). This was revealed by the study conducted by the "Purchasing" publication, which also showed evidence that electronics **contract** manufacturing is already an \$89-billion industry and will continue to grow to \$140 billion...

...on building entire systems for OEMs, while OEMs were found to be tapping into the **CM** 's design expertise and are encouraging the manufacturers to get involved in new-product development; and that the responsibility for matching an OEM's manufacturing needs and **CM** 's capabilities is being embraced by purchasers, 55% of which acknowledge the need to develop...

22/3,K/59 (Item 59 from file: 13)

DIALOG(R)File 13:BAMP

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01077687 01420962

**Outsourcing boards is just the beginning**

(Inventory cost is a major reason many OEMs are increasing their use of contract manufacturers)

Article Author(s): Carbone, James

Purchasing, v 124, n 4, p 52-56

March 26, 1998

DOCUMENT TYPE: Journal; Survey ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...6 billion revenue increase in 1998 and to \$140 billion in 2000 for the electronics **contract** manufacturing industry. This is primarily attributed to the fact that **contract** manufacturers (**CM**) are being tasked by electronics original equipment manufacturers (OEMs) to develop their final systems build...

...1996 and is expected to reach 27% by 2001. Article includes graphs showing usage of **contract** manufacturers. ...

22/3,K/60 (Item 60 from file: 13)

DIALOG(R)File 13:BAMP

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01068550 01282158

**Contract Manufacturing: Adding value by outsourcing**

(Manufacturing Services gets involved in the design stage of new product development at the OEM in order to add value and lower cost for an OEM)

Article Author(s): Carbone, Jim

Purchasing, v 123, n 8, p 53,55

November 27, 1997

DOCUMENT TYPE: Journal ISSN: 0033-4448 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...to their products, a growing number of original equipment manufacturers (OEMs) are now turning to **contract** manufacturers (CMs) for assistance. The OEMs are motivating CMs to contribute ideas to the design...

...is Manufacturing Services (Concord, MA). Pierette Kelly, executive vice president of sales and marketing for **CM** asserts that most OEMs are highly

reliant on the services of their engineers and purchasers...

22/3,K/61 (Item 61 from file: 13)  
DIALOG(R)File 13:BAMP  
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01063941 01095193 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Western Data Systems**

(Western Data Systems saw the survivors of the great shakeout in the military aerospace industry as looking for a good, packaged enterprise resources planning system)

Manufacturing Systems, v 15, n 7, p 72-73

July 1997

DOCUMENT TYPE: Journal ISSN: 0748-948x (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 526

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...of CompassContract, which is scheduled for release this summer. The new release will have advanced **configuration management** capabilities to support concurrent engineering, as well as improved material planning and production control. It also will have new resource planning features to handle various levels of project or **contract** planning, including the ability to link manufacturing and purchase orders to specific sales orders. Perhaps...

22/3,K/62 (Item 62 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

01044139 01039680 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The Business Challenge In Aerospace**

(The aerospace industry's supply-chain management is discussed in detail)

Article Author(s): Stiles, Terry

Manufacturing Systems, v 15, n 4, p 110+

April 1997

DOCUMENT TYPE: Journal ISSN: 0748-948x (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1996

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...often related to the activity.

The extended lifetime of aerospace products brings challenges related to **configuration management** as well--just locating the original product documentation set, and determining if it reflects the...

...demand that the full life cycle perspective be a ground rule, and major programs and **contracts** are now being won or lost based on the proposed total life cycle solution.

Role...

22/3,K/63 (Item 63 from file: 13)  
DIALOG(R)File 13:BAMP

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01041420                    01026834 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Unwinding Support's Bumpy Road: A Guide To Acquiring The Right Tool For  
Your Organization**

(Open architecture, scalability and connectivity are among the elements  
that should be included in a service or help desk)

Article Author(s): Tischler, Fran

Telemarketing & Call Center Solutions, v 15, n 8, p 76-79

February 1997

DOCUMENT TYPE: Journal; Guideline ISSN: 0730-6156 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1600

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...calls and resolves problems; it contains asset management; it may  
contain field service, depot management, **configuration management** and  
workflow management; it contains charge back and service **contract**  
modules; it performs statistics and shows trends via reports and charts; it  
communicates via telephony...

22/3,K/64                    (Item 64 from file: 13)

DIALOG(R)File 13:BAMP

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01035850                    00877597

**Utility uses PCO to retain control of its facilities**

(Charlotte-Mecklenburg Utility, to compete for its facilities' operation,  
had to reinvent itself to enhance efficiencies; created "Public Contract  
Operations" approach)

Article Author(s): O'Brien, Jeremy

American City & County, v 111, n 12, p 46-49

November 1996

DOCUMENT TYPE: Journal ISSN: 0149-337x (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...bids to operate the said facilities, CMUD came up with a new approach  
called "Public **Contract** Operations" (PCO), which involved the delivery of  
services by a public agency to a city or county government through the  
creation and execution of a public "**contract**" or a Memorandum of  
Understanding (MOU) between the local government and the governmental  
agency. As part of PCO, CMUD created the operating and accounting structure  
called "CMUD **Contract** Operations ( **CM** -ConOP) to respond to request for  
proposals (RFPs) and provide requested services. **CM** -ConOP has the  
following key elements: provision of cost and performance guarantees;  
reliance on plant...

...for long-term goals and not for short-term profits. Article discusses  
each element of **CM** -ConOP.

22/3,K/65                    (Item 65 from file: 13)

DIALOG(R)File 13:BAMP

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01032894

00881132 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**WELL BUILT**



(By including experienced construction specialists from the start in the construction of health care facilities, a project's chances for success will greatly increase)

Article Author(s): Arista, Roberto E; Rettig, Peter F  
Health Facilities Management, v 8, n 3, p 62-67  
March 1995

DOCUMENT TYPE: Journal; Guideline ISSN: 0899-6210 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2302

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

The definition and functions of a construction manager ( **CM** ) are discussed. A **CM** is a consultant who works in the owner's interest during the planning and design...

...the desired function using the most appropriate materials and methods for the least cost. The **CM** 's role during the construction phase includes general **contract** administration, which refers to the selection of and contracting with qualified contractors and subcontractors, project supervision, and the coordination, disbursement and accounting of the owner's funds during construction. The **CM** essentially performs as a general contractor. In determining whether an owner should hire a **CM** , several factors should be considered. Some of these are the length and difficulty of the design and planning process, the timing of financing, and regulatory constraints. The owner/ **CM** relationship is defined by two basic types of agreements: the "pure" construction management **contract** , and the "cost-of-the-work-plus-a-fee with a guaranteed maximum price (GMP)" **contract** . The cost of the work is the **CM** 's estimate of what the work will cost and includes all construction costs plus the cost of the **CM** 's services. The fixed fee, under the "pure" **contract** , is the **CM** 's profit, which is based on a percentage of the cost of the work--typically 3% to 6%. The cost-plus-fee with GMP **contract** , on the other hand, adds a clause that stipulates that the **CM** agrees to perform the work for a not-to-be-exceeded price. Article includes a...

TEXT:

...function using the most appropriate materials and methods for the least cost.

What about the **CM** 's role during the construction phase? That depends on the previously agreed-on **contract** form between the owner and the **CM** , but it usually includes general **contract** administration (the selection of and contracting with qualified contractors and subcontractors, project supervision, and the...

...development risk and who understands the deal and the process.

Doing the deal. The owner/ **CM** relationship is legally defined by two basic types of agreements: the "cost-of-work-plus-a-fee" or "pure" construction management **contract** , and the "cost-of-the-work-plus-a-fee with a guaranteed maximum price" (GMP) **contract** .

Under a pure construction management agreement, the total **contract** amount consists of three major components: the cost of the work plus a fixed fee plus the **CM** 's contingency. The cost of the work is the **CM** 's estimate of what the work will cost and includes all construction costs plus the cost of the **CM** 's services. The fixed fee is the **CM** 's profit; it's based on a percentage of the cost of the work--typically 3 to 6 percent. The **CM** 's contingency, also based on an agreed-on percentage of the cost of the work, is the **CM** 's "cushion" for error.

In simple terms, then, this deal goes something like this:

"You...

...is exceeded, I will be responsible for paying for the overrun."

The cost-plus-fee **contract** places the cost risk primarily on the owner and relies on the expertise, integrity and professional attitude of the **CM**. But because most financing institutions require cost and performance guarantees, this type of **contract** is unlikely to be appropriate for health facilities.

The cost-plus-fee with GMP **contract** is a variation of the cost-plus-fee agreement; it adds a clause that stipulates that the **CM** agrees to perform the work for a not-to-be-exceeded price--an arrangement that...

...deal, therefore, goes like this:

"If the actual construction costs are lower than the total **contract** amount, then I, the owner, will benefit; but if the total **contract** amount is exceeded, you, the **CM**, will be responsible for paying for the overrun."

The cost-plus-fee with GMP **contract**, therefore, places the cost risk primarily on the **CM**. Not surprisingly, this form of agreement has become the preferred form among most health care...

...the owner from financial risk, it should not discourage the owner from carefully monitoring the **CM**'s activities. After the GMP **contract** has been signed, the **CM** will begin to act differently because, at that point, the **CM** is no longer a consultant but an entrepreneur who has agreed to limit his or her profit potential through the fixed fee; he or she has assumed a **contractual** business risk and is interested in minimizing it above all else.

Both the pure as...to "please" the owner.

Furthermore, it's typically still too early to sign a GMP **contract**; only unusual circumstances would cause the owner and **CM** to enter into a GMP agreement at this stage. And because the scope of the...  
...s fee and contingency.

This development stage is typically the earliest point at which the **CM** will agree to sign a GMP **contract** based on the estimate and without an unacceptably high contingency.

graph omitted

\* Worst case: Project...

...the same reason, the fee amount will be higher.

As in the ideal situation, the **CM** will likely commit to the estimate and sign a GMP **contract** at this stage.

Stage III: construction documents

\* Ideal: A further refinement of the design drawings may reveal that the **CM**'s stage II estimate was low; assuming that a GMP **contract** has been signed at the end of stage II, this situation would require drawing some funds from the **CM**'s contingency. Furthermore, the owner may decide to add a few items to the scope of work, which are captured in change orders and

added to the **contract** to yield a "revised" GMP.

If time is not of the essence, signing a GMP...

...tracking" with a GMP, which is supposed to shift the risk from owner to the **CM** and contractor, can leave the owner with a false sense of security. Because the **contract** (GMP) documents will contain work not clearly defined, owner and **CM** may find themselves arguing about what is "reasonably inferable" from those documents. This may lead...stage), the owner should be aware of the associated inherent risks. In this case, the **CM** could claim additional costs for changes that are not "reasonably inferable" from those documents because the **contract** documents (drawings and specifications) did not at the time represent a comprehensive description of the scope of work.

Under the best circumstances, the **CM** will have clarified what he or she believes is "reasonably inferable," with additional assumptions (which are no more than "gap fillers" between the **contract** documents and the final bid package) added to the **contract**. In the worst case, the **CM** will have made no additional assumptions, resulting in disputes that arise from determining who's responsible for the scope difference between the **contract** documents and the final bid package. To minimize contract disputes, it's best to insist...

...Bristol Group Inc., Boston; Roberto E. Arista is a consultant with the same firm.

Various **contract** forms have been developed by the Washington, DC-based American Institute of Architects for use in different types of **CM** arrangements. For more information, call the AIA at (202) 626-7300.

...

22/3,K/66 (Item 66 from file: 13)  
DIALOG(R)File 13:BAMP  
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01023522 00807783 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**EFTC's 100-Week Journey Focuses On The Human Side**  
(Jack Calderon has initiated innovative incentive and reward program at Electronic Fab Technology Corp)  
Article Author(s): Trommer, Diane  
Electronic Buyers News, n 1029, p 97  
October 21, 1996  
DOCUMENT TYPE: Journal ISSN: 0164-6362 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1658

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...taxes, and sales-growth percentage.

"We basically want to become the absolute darling of the **contract** manufacturing ( **CM** ) industry," Calderon said.

Employees who participate in accomplishing these goals will be rewarded for their...

22/3,K/67 (Item 67 from file: 13)  
DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

01016834 00639432 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Managing Test-System Development: Part 2**

(A company can obtain savings, and receive schedule and technical benefits  
by using systems integration or a solution provider)

Article Author(s): Hiller, Paul; McDonough, John

EE-Evaluation Engineering, v 35, n 6, p 136-141

July 1996

DOCUMENT TYPE: Journal; Guideline ISSN: 0149-0370 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2036

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...too slow, too large to fit in your production line, or too power hungry.

**Typical Contractual Responsibilities**

Your Responsibilities

Specify Requirements (SRS):

- Project Goals
- Company Processes
- DUT Specifications
- User Requirements
- System...

...and Decision Making

- Change Process
- Design Reviews
- Acceptance Test Plan
- Milestones

Integration Into Company Processes

**Configuration Management**

- Security Requirements
- Support
- Assign Project Manager
- Customer-Furnished Equipment
- Problem Resolution

Integrator Responsibilities

System Design...

...Configuration

- Documentation
- Instrumentation Selection
- Software Design
- Custom Hardware Design
- User Interface Design

System Implementation

- Execute **Contract**
- Implement Approved Design
- Order Parts and Integrate
- Develop Software and Integrate
- Develop Acceptance Test
- Execute...

**22/3,K/68 (Item 68 from file: 13)**

DIALOG(R)File 13:BAMP

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01006144 00643237 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Understanding the law of large numbers**

(J Bruce Ryan and Scott B Clay warn that without that knowledge, organizations could accept risks greater than anticipated assumed under capitated contracts)

Healthcare Financial Management, v 49, n 10, p 22-24  
October 1995

DOCUMENT TYPE: Journal ISSN: 0735-0732 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 615

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...SDM)           \$34.67   \$10.96       \$3.47           \$1.55

Assume that under a specific capitated **contract**, the mean cost of hospitalization (C) is \$6,597 and the standard deviation of that...

...5,492. If the hospitalization use rate (U) of the members covered by a capitation **contract** is 0.04781 (ie, 47.81 admissions per 1,000 covered lives), then the expected cost of hospitalization per member per month ( **CM** ) is:

formula omitted

And the standard deviation of the cost per member per month (SDM...

**22/3,K/69       (Item 69 from file: 13)**

DIALOG(R)File 13:BAMP

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01001576

00673961 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Finishing What We Start: A Lesson for Functional Managers from Project Management and Automated Workflow; part 2 of 2 parts**

(Functional managers can learn from project management and workflow)

Article Author(s): Sanders, Robert L

Records Management Quarterly, v 29, n 2, p 48-55

April 1995

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2608

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...location and ownership of the record copies. It was a challenge of how to apply **configuration management** controls to a multi-organization environment rife with planners, designers, **contract** administrators, and operators, each of whom viewed the construction documentation from his own perspective.

As...

**22/3,K/70       (Item 1 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00230023

SUPPLIER NUMBER: 59522018

(USE FORMAT 7 FOR FULL TEXT)

**Leading Laterally in Company Outsourcing.**

Useem, Michael; Harder, Joseph

Sloan Management Review, 41, 2, 25

Wntr, 2000

ISSN: 0019-848X

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 6873

LINE COUNT: 00604

... of our business and that we were incapable of managing them appropriately."

Hunter decided to **contract** out part of the outsourcing process itself. He hired several companies that specialize in negotiating **contracts** ranging from IT management to food-service operations. "They had been through it before," he...

...thought process." Following protracted negotiations with two competing vendors, he confidently signed a 5-year **contract** with one; so complex was the deal that the printed **contract** occupied more than 1 foot (30.5 cm) of shelf space. The multiyear sourcing proceeded smoothly. Hunter reported that hiring the sourcing advisors...

**22/3,K/71 (Item 2 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00225776 SUPPLIER NUMBER: 55878378 (USE FORMAT 7 FOR FULL TEXT)

**Preserve, Protect, and Defend. (information security planning)**

Kelly, Brian J.

Journal of Business Strategy, ITEM9927000F

Sept, 1999

ISSN: 0275-6668

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1906

LINE COUNT: 00177

...

Assessment & Management

Internal Audit & Compliance Monitoring

Security Education & Awareness

Physical Security

Identification & Authentication

Access Control

**Change Control & Management**  
Protection

Illicit Code & **Virus**

Incident Response & Reporting  
Recovery

Business Continuity, Back-up, and

**22/3,K/72 (Item 3 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00216663 SUPPLIER NUMBER: 21189162 (USE FORMAT 7 FOR FULL TEXT)

**Construction management: added value or added cost?**

Hoffman, Terri L.

Journal of Property Management, v63, n5, p64(5)

Sept-Oct, 1998

ISSN: 0022-3905

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2441

LINE COUNT: 00197

... year, and Heitman's Mike Kelley managed \$22 million worth of projects.

Job Responsibilities

The **CM**'s job requirements generally include, but are not limited to:

qualifying general contractors to work...

...meetings, preparing proposals for GCs, analyzing construction documents, sending proposals and bid documents to GCs, **contract** negotiation with GCs, progress meetings, site evaluations and visits, and processing change orders and payment...

**22/3,K/73 (Item 4 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00176103 SUPPLIER NUMBER: 16548974 (USE FORMAT 7 FOR FULL TEXT)

**The yellow brick road: Total Quality Management and the restructuring of organizational culture.**

Tuckman, Alan

Organization Studies, v15, n5, p727(25)

Winter, 1994

ISSN: 0170-8406

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 10826 LINE COUNT: 00899

... performance. As a result, public services will increasingly move to a culture where relationships are **contractual** rather than bureaucratic.' (HMSO **CM** 1730)

Part of the appeal of TQM to management and government alike is that it...

**22/3,K/74 (Item 5 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00131151 SUPPLIER NUMBER: 07585569 (USE FORMAT 7 FOR FULL TEXT)

**1989 Marketing News directory of software for marketing.**

Marketing News, v23, n9, p12(12)

April 24, 1989

ISSN: 0025-3790

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 15489 LINE COUNT: 01283

... 8221 1. ON SCHEDULE 2. a planning & scheduling program that divides projects into manageable steps, **tracks** progress, controls assignments, & spots **problems** 3. cross-industry 4. IBM PC/XT/AT or compatibles, DOS 2.0 or later...

...drive; 512K 5. \$89.95. 1. Sales Magic 2. keeps track of prospects & customers, monitors **contracts** & their sales records, & generates reports 3. cross-industry 4. IBM PC/XT/AT or compatibles...

...AT or compatibles, DOS 2.0 or later, dual floppies or single floppy & hard disk; **Color** or Enhanced Graphics **Adapter** or Hercules monochrome card; supports wide variety of dot matrix, color dot matrix, & laser printers...

**22/3,K/75 (Item 6 from file: 75)**

DIALOG(R)File 75:TGG Management Contents(R)

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00130104 SUPPLIER NUMBER: 07217376 (USE FORMAT 7 FOR FULL TEXT)

**Beyond garbage cans: an AI model of organizational choice. (artificial intelligence)**

Masuch, Michael; LaPotin, Perry

Search Report from Ginger D. Roberts

Administrative Science Quarterly, v34, n1, p38(30)

March, 1989

ISSN: 0001-8392

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 13389

LINE COUNT: 01123

... came through grant #500-280-101 of the Dutch National Science Foundation and a Study **Contract** with International Business Machines Co. [1]Own translation. [2] **CM** &O called the access of problems to choices in their model "access-structure" and the access of choices to solutions "decision-structure." Thus, **CM** &O did invoke the concept of structure but deviated from its traditional usage. [3]Search...  
?



Search Report from Ginger D. Roberts

?show files;ds

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|-----|----------|---|
| S1  | 531890   | INTRUSION OR INTRUDER? OR VIRUS OR VIRAL OR HACKER? OR INVADER?   |
| S2  | 7760595  | ANOMOLIES OR ANOMALY OR ERROR? ? OR PROBLEM? ? OR TROUBLE? OR FAULT?  |
| S3  | 335269   | (S1 OR S2) (5N) (DETECT? OR DETERMIN? OR TEST? OR EVALUAT? OR ANALYZ? OR TRACK?)  |
| S4  | 10881812 | CONTRACT? ? OR AGREEMENT? ? OR WARRANTY? OR WARRANTIES? OR LEGAL() (DOCUMENT? OR INSTRUMENT) OR CONTRACTUAL OR CERTIFICATE? ?   |
| S5  | 74420    | S3 AND S4   |
| S6  | 10908    | S3(S)S4   |
| S7  | 183481   | ((MAKING OR MAKE OR MAKES) (2W)CHANGE? ? OR ADJUST? OR ADAPT? OR RECONFIGUR? OR REARRANG? OR REORGANI?) (5N) (COMPONENT? ? OR SYSTEM OR HARDWARE OR COLOR OR COLOUR OR PARTS OR FEATURES OR ROUTING OR PATH? ?) |
| S8  | 29       | S6(S)S7   |
| S9  | 21       | RD (unique items)   |

?save temp

Temp SearchSave "TD043" stored

?t9/3,k/all

9/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00932479 95-81871

Developing a control system for deploying a bridge  
 Ajlouny, Jim

March 10, 2003 1 12:01

Mechanical Engineering v116n10 PP: 74-75 Oct 1994  
ISSN: 0025-6501 JRNL CODE: MEG  
WORD COUNT: 1284

ABSTRACT: An **adaptive** control **system** that automatically compensates for changes in terrain and climate has been developed for deploying a...

... Mechanical Dynamics Inc. The heavy assault bridge (HAB) prototype, which General Dynamics is building under **contract** for the US Army, has at its core an **adaptable** control **system** that enables the bridge to deploy smoothly, regardless of terrain and weather. The control system...

... with the mechanical system, simulate the correct motion of the bridge mechanism, successfully duplicating the **problems** experienced during field **testing** with the original system.

9/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00223036 84-01597  
**Union Wage Settlements During a Disinflation**  
Taylor, John B.  
American Economic Review v73n5 PP: 981-993 Dec 1983  
ISSN: 0002-8282 JRNL CODE: AER

ABSTRACT: The 3-year union labor **contract** has been cited by many economists as a major factor underlying the persistence of wage...

... reason for the resistance of inflation to aggregate demand policy. A simulation model of overlapping **contracts** is developed, oriented toward the union sector in the US. The distribution of workers by **contract** length is calculated and deferred wage increases are estimated. The **problem** of **determining** an appropriate level of disaggregation for modeling purposes is discussed. The simulations focus on a possible scenario for union wage settlements during disinflation in the context of 3-year **contracts**. Although it is possible for disinflation to occur without an increase in unemployment, the **path** of **adjustments** calculated shows extremely gradual changes in the first 2 years of a disinflation program. This...

9/3,K/3 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

09336534 Supplier Number: 81507259 (USE FORMAT 7 FOR FULLTEXT)  
**Centrex Receives Los Alamos National Laboratory Response.**  
Business Wire, p0022  
Jan 9, 2002  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 323

... due to E. coli bacteria, developed at Los Alamos by Dr. Alonso Castro. The detection **system** is **adaptable** and can be easily tailored to **detect** a variety of bacterial or **viral** organisms in real time. The recent Centrex development proposal to Los Alamos is for the...

...to detect an assortment of potentially lethal biowarfare or bioterrorism agents. Once a Funds-In **Agreement** has been executed between Centrex and Los Alamos, work can begin on the prototype.

The...

9/3,K/4 (Item 2 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

07019598 Supplier Number: 58925743 (USE FORMAT 7 FOR FULLTEXT)  
**Medicaid Rates In Crosshairs As States Ponder Risk Factors.**  
State Health Monitor, v3, n2, pNA  
Jan 21, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1671

... to use encounter data. Like Minnesota, Maryland's HealthChoice program uses ambulatory care groups to **determine** payment risk levels. After experiencing **problems** during the program's second year, the state and its eight contracting health plans seem to be rebounding fairly well. Maryland, the first Medicaid program to introduce a statewide risk **adjustment** payment **system**, discovered just days before FY 1999 **contracts** were to go into effect that it unintentionally overpaid plans during the program's initial...

9/3,K/5 (Item 3 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06581377 Supplier Number: 55525788 (USE FORMAT 7 FOR FULLTEXT)  
**TFW plus BUSINESS NEWS Headlines - 08/13/99.**  
Comline-Tokyo Financial Wire, p990813100010  
August 13, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 108

... Business Site -- Shionogi Typing Kit Confirms Compatibility --  
Ishikawajima-Harima Auto Turbocharger Shipments Accelerating -- Glaxo  
Wellcome **Rearranges MR System** -- Fujitsu Expands Super Q TAT Service --  
Nanotech Introduces DLC Coating with Better Durability -- Ricoh **Contracts**  
with Lytech to Raise Production of CD-Rs -- Mitsubishi Electric Upgrades  
Microprocessors for Home Appliances -- NTN Announces Device for **Detection**  
/Repair of TFT **Faults** -- Intel to Assist Taiwan to Build E-commerce  
System -- Ligitek Electronic Introduces Mini Digital Camera...

9/3,K/6 (Item 4 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

03847489 Supplier Number: 45511957 (USE FORMAT 7 FOR FULLTEXT)  
**BUILT-IN STEREOPHONIC SPEAKERS AND MICROPHONE DISTINGUISH NEW PANAMEDIA  
MULTEVIF-DIA MONITORS**  
News Release, pN/A  
May 1, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 763

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...system. Languages include German, Italian, French, Spanish and English.

The specially-designed PanaColor<sup>TM</sup> color control **system** allows users to not only **adjust** the monitor's red and blue color guns individually and according to preference but to...

...Windows 95. PanaMedia 17 and PanaMedia 15 carry a one-year limited parts and labor **warranty**. In addition, PanaMedia 17 offers a three-year CRT **warranty** and a special monitor swap program, whereby users are entitled to a replacement monitor within 48 hours if an engineer at the 1-800-PANASYS hotline number **determines** that a **problem** exists. PanaMedia 17 is 17.2" W x 16.7" H x 17.2" D...

9/3,K/7 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06128291 SUPPLIER NUMBER: 12571496 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Ariel Design Inc.: Ariel 486SX/25. (Hardware Review) (one of 58 evaluations of 80486SX-based microcomputers in '486SX: the new entry-level PC')  
(Evaluation)

Grimes, Brad  
PC Magazine, v11, n17, p144(1)  
Oct 13, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 503 LINE COUNT: 00036

...ABSTRACT: offers excellent performance with high memory and processor scores and an average disk score. The **system**'s Diamond Stealth VRAM **adapter** with its S3 chip set and 1Mbyte of video RAM gave a superior performance on...

...unit. On the downside another cooling fan over the motherboard would be preferable although in **tests** no overheating **problems** occurred. Ariel Design provides a one-year **warranty** on parts and labor and toll-free technical support. TRW provides the free on-site...

9/3,K/8 (Item 2 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04599971 SUPPLIER NUMBER: 08993039 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Incentives yield productivity improvement. (employee productivity) (column)  
Gagnon, Gene

Transportation & Distribution, v31, n5, p44(2)  
May, 1990

DOCUMENT TYPE: column ISSN: 0895-8548 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 960 LINE COUNT: 00076

... may increase your cost by requiring extensive quality checks and reporting systems. You need to **track errors** and damage and identify the perpetrator. The supervisor has to see and be seen and...

...become part of the total job evaluation program. \* Don't let incentives get into your **contract**. By leaving them out of the **contract**, you will insure the flexibility needed to **adjust** the **system** as work methods change. it is these adjustments that will make your program current and...

9/3,K/9 (Item 1 from file: 160)

DIALOG(R) File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

01755585

**Space Shuttle Update: They're still making changes**

Machine Design August 6, 1987 p. 38-44

ISSN: 0024-9114

...to be changed. Even the 6/2/88 date is not a certainty if major **problems** are discovered during **testing** of the rocket booster. NASA is also exhaustively testing all of the shuttle's systems...

... main cause of the Challenger explosion. The redesigned 126 ft, 1.2 mil lb booster **features** a **reconfigured** joint with a third O-ring to stop the escape of hot gases. The booster...

...hydrogen fuel and oxidizer turbopumps to prevent cracking. NASA has also awarded Pratt & Whitney a **contract** to develop new turbopumps that can withstand 30 flights without major repairs. Other components that...

9/3,K/10 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01506825 SUPPLIER NUMBER: 11987968 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Buying a network direct. (Computer Shopper's Networking Guide)**

Rosch, Winn L.

Computer Shopper, v12, n4, p539(1)

April, 1992

ISSN: 0886-0556 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1038 LINE COUNT: 00079

...ABSTRACT: Vendors should be thoroughly researched. Compatibility issues surface throughout the integration of a network; software, **hardware**, microcomputers, **adapters**, wiring and hubs must all connect flawlessly. The cabling is often the most difficult part...

...designed with expandability in mind, and should only be large enough to accommodate immediate needs. **Testing** for **problems** and bottlenecks will be easier and cheaper if the network is smaller. **Warranty** and return policy questions are valid, and users should know how long it will take...

9/3,K/11 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01501293 SUPPLIER NUMBER: 11961017 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Three cases: all CBR, but worlds apart. (case-based reasoning program**

**development tools are described: ReMind, Esteem and CBR Express; use of**

**CBR Express by American Airlines and a typical case are discussed)**

RElease 1.0, v92, n1, p10(6)

Jan 31, 1992

ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 3086 LINE COUNT: 00235

TEXT:

...forthcoming system from Aion Corporation incorporating Cognitive's CBR technology. (Aion has signed a license **agreement** with Cognitive to incorporate Cognitive's C libraries as part of a CBR option with...Dayton, Ohio. Those salespeople use spreadsheets to record and manage their bids for parts manufacturing **contracts**. Basically, the spreadsheet is a smart form into which salespeople enter the customers' requirements and...

...use Topic for on-line documentation, but CBR Express will handle the first step of **determining the problem**. (Longrun, there will be hot links from CBR Express diagnoses to Topic.) Despite CBR's...set of questions that appears, corresponding again to the highest-ranking possibilities. Once again, the **system adjusts** the scores of the cases involved, and produces a new list. This goes on until...

9/3,K/12 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

27661214

Q4 2002 Cerus Earnings Conference Call - Final - Part 1

FAIR DISCLOSURE WIRE

January 30, 2003

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4402

... but is quite encouraging as we seek to complete the process. For the Intercept plasma **system**, Baxter continues to work to **make** necessary design **changes** to improve commercial manufacturability. While we are confident that the problem will be solved, the...

9/3,K/13 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

08385459 (USE FORMAT 7 OR 9 FOR FULLTEXT)

COMPUTER ASSOCIATES: Anniston Army Depot selects CA's Unicenter TNG for end-to-end enterprise

M2 PRESSWIRE

November 24, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1142

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... system before it implemented Unicenter TNG Advanced Help Desk. Today, a much smaller team can **track**, escalate **problems**, and notify the appropriate analyst of problems, often before the end users notice, according to...

9/3,K/14 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00759520 20020502CHTH015 (USE FORMAT 7 FOR FULLTEXT)

Kodak, Silas Technologies Team Up to Monitor

PR Newswire

Thursday, May 2, 2002 10:15 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 915

TEXT:

...has been named an independent software vendor (ISV) for Kodak's Document Imaging. Through the **agreement**, Silas Technologies can develop software offerings to complement Kodak's family of document imaging products...

...scanners, as well as digital preservation, media and micrographics products.

The first offering under this **agreement**, Silas Reveille for Content Management -- for KODAK Capture Software, provides proactive, real-time application monitoring...

...metrics reporting for a KODAK Capture Software environment. With Silas Reveille, managers and supervisors can **evaluate** process productivity, pinpoint **problem** areas within the capture environment, and analyze capture metrics at an operator, department or enterprise...

...ongoing administration complexity and licensing fees compared to other solutions. Silas Reveille also can be **adapted** easily to new applications or **components** using an open programming interface, and its On Call management, notification and reporting features are...

9/3,K/15 (Item 2 from file: 613)  
DIALOG(R) File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00698698 20020108HKPR2984 (USE FORMAT 7 FOR FULLTEXT)  
**Elitegroup Computer Systems and Trend Micro Team Up**  
PR Newswire  
Tuesday, January 8, 2002 18:59 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 773

TEXT:  
...information is presented in a graphic format similar to that of Trend Micro's World **Virus Tracking** Center, which can be seen at <http://wtc.trendmicro.com/wtc>.  
"This **agreement** lets Trend Micro offer proactive, reliable, and easy-to-use virus protection to millions of...

...involved," said Marvin Chiu, Trend Micro's general manager in Taiwan. He added that the **system** could easily be **adapted** for other PC **hardware** and **system** vendors.  
"Bundling PC-cillin 2000 with our products gives customers the added value of a...

9/3,K/16 (Item 1 from file: 624)  
DIALOG(R) File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

01096272  
**Sea Launch Poised To Fly With PAS-9**  
Aviation Week & Space Technology July 3, 2000; Pg 59; Vol. 153, No. 1  
Journal Code: AW ISSN: 0005-2175  
Section Heading: SPACE TECHNOLOGY  
Dateline: LONG BEACH, CALIF.  
Word Count: 996 \*Full text available in Formats 5, 7 and 9\*

BYLINE:

BRUCE A. SMITH

TEXT:

...by the ground software.

Maser said checks were made to verify the software, but the **problem** was not **detected**. He added that Boeing relies on Energia to integrate the systems and verify the software. Boeing checks to **make** sure that **changes** to the **system** have been properly verified and, in this case, received **certificates** of completion and other data from Energia.

To avoid another occurrence of the problem, the...

9/3,K/17 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

04541700 Supplier Number: 58677327 (USE FORMAT 7 FOR FULLTEXT)

**States Move Toward Risk-Based Data To Price Medicaid HMO Contracts.**

Managed Medicare & Medicaid, v6, n3, pNA

Jan 17, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 1804

... state intends to use encounter data. Like Minnesota, Maryland's HealthChoice program uses ACGs to **determine** payment risk levels.

After experiencing **problems** during the program's second year, the state and its eight contracting health plans seem to be rebounding fairly well. Maryland, the first Medicaid program to introduce a statewide risk **adjustment** payment **system**, discovered just days before FY 1999 **contracts** were to go into effect that it unintentionally overpaid plans during the program's initial...

9/3,K/18 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03679250 Supplier Number: 47932996 (USE FORMAT 7 FOR FULLTEXT)

**Newsbytes Daily Summary 08/25/97**

Newsbytes, pN/A

August 25, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 4162

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...data on the US economy. 2. Telecom Roundup - P-Com Inks \$8Mil In UK PCN **Contracts** -- REPEAT/By Newsbytes Staff. Radio transmissions system developer P-Com Inc. [NASDAQ:PCMS] said it...

...Token Ring Adapter -- REPEAT/By Newsbytes Staff. Madge Networks has a new Presto PCI (Peripheral **Component** Interconnect) Token Ring **adapter** on the market. 13. Networking Roundup - Tut Systems Offers LAN Modem -- REPEAT/By Newsbytes Staff...year, and PerfectTV, a broadcaster that launched last year, are hoping to tie-up marketing **agreements** in addition to operating a common technical platform, a spokesman for the company told Newsbytes...

...manufacturers and end-users are demanding increased overall performance, which is now being offered by **Adaptec** 's **system** bandwidth products. 32.



Hong Kong Shakedown Yields 10,000 Hot CDs -- By IT Daily. Hong...

...on figures released by the International Data Corp (IDC). 35. HK - New Release Of Anti- **virus Detection** Software -- By IT Daily. Hong Kong representative for Data Fellows developer of data security solutions...

...Kee Computing, yesterday announced the launch of F-PROT professional version 3.0, which makes **virus detection** and removal on all Windows platforms, including NT 4 Workstations and Servers and Windows compatible ...

9/3,K/19 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03480547 Supplier Number: 47175467 (USE FORMAT 7 FOR FULLTEXT)

-**CLARIFY INC: Clarify powers high-volume customer support installation at The Learning Company, Inc.**

M2 Presswire, pN/A

March 3, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 922

... offerings for its complete functionality, flexibility and ease of use. In addition to strong call **tracking** and **problem** management capabilities, Clarify provides a full range of functions from **contract** verification to case **routing** as well as **adaptability**, for easy tailoring of the application. This unique set of features is what enabled The...

9/3,K/20 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01041873 Supplier Number: 40509211 (USE FORMAT 7 FOR FULLTEXT)

**RED CROSS OFFERS TO REVISE TESTING, TRAINING, COMPUTER PROCEDURES**

Health Daily, v1, n61, pN/A

Sept 15, 1988

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 512

... current practice of accepting blood donations from donors temporarily deferred due to repeatedly reactive screening **tests** " for the AIDS **virus** (HIV) and hepatitis B surface antigen (HBsAg). The pact sets deadlines for the Red Cross...

...for those who enter test results into computer data bases, and to evaluate software and **hardware** but not **make** any **changes** "without prior written notice to FDA." The **agreement** was signed by 3 top Red Cross officials, plus Biologics Center Dir. Paul Parkman, Thomas...

9/3,K/21 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1054310

SFM023

**Clarify Powers High-Volume Customer Support Installation at the Learning Company, Inc.**

Search Report from Ginger D. Roberts

DATE: February 10, 1997

08:08 EST

WORD COUNT: 976

... offerings for its complete functionality, flexibility and ease of use. In addition to strong call **tracking** and **problem** management capabilities, Clarify provides a full range of functions -- from **contract** verification to case **routing** -- as well as **adaptability**, for easy tailoring of the application. This unique set of features is what enabled The...  
?

March 10, 2003 10 12:01

# Search Report from Ginger D. Roberts

?show files;ds

File 15:ABI/Inform(R) 1971-2003/Mar 08  
 (c) 2003 ProQuest Info&Learning  
 File 16:Gale Group PROMT(R) 1990-2003/Mar 07  
 (c) 2003 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2003/Mar 06  
 (c)2003 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2003/Mar 06  
 (c) 2003 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Mar 06  
 (c) 2003 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2003/Mar 07  
 (c) 2003 Resp. DB Svcs.  
 File 20:Dialog Global Reporter 1997-2003/Mar 10  
 (c) 2003 The Dialog Corp.  
 File 476:Financial Times Fulltext 1982-2003/Mar 10  
 (c) 2003 Financial Times Ltd  
 File 610:Business Wire 1999-2003/Mar 10  
 (c) 2003 Business Wire.  
 File 613:PR Newswire 1999-2003/Mar 10  
 (c) 2003 PR Newswire Association Inc  
 File 624:McGraw-Hill Publications 1985-2003/Mar 08  
 (c) 2003 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2003/Mar 08  
 (c) 2003 San Jose Mercury News  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Mar 06  
 (c) 2003 The Gale Group  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc

| Set | Items    | Description   |
|-----|----------|---|
| S1  | 531890   | INTRUSION OR INTRUDER? OR VIRUS OR VIRAL OR HACKER? OR INVADER?   |
| S2  | 7760595  | ANOMOLIES OR ANOMALY OR ERROR? ? OR PROBLEM? ? OR TROUBLE? OR FAULT?  |
| S3  | 335269   | (S1 OR S2) (5N) (DETECT? OR DETERMIN? OR TEST? OR EVALUAT? OR ANALYZ? OR TRACK?)  |
| S4  | 10881812 | CONTRACT? ? OR AGREEMENT? ? OR WARRANTY? OR WARRANTIES? OR LEGAL() (DOCUMENT? OR INSTRUMENT) OR CONTRACTUAL OR CERTIFICATE? ?   |
| S5  | 74420    | S3 AND S4   |
| S6  | 10908    | S3(S)S4   |
| S7  | 183481   | ((MAKING OR MAKE OR MAKES) (2W)CHANGE? ? OR ADJUST? OR ADAPT? OR RECONFIGUR? OR REARRANG? OR REORGANI?) (5N) (COMPONENT? ? OR SYSTEM OR HARDWARE OR COLOR OR COLOUR OR PARTS OR FEATURES OR ROUTING OR PATH? ?) |
| S8  | 29       | S6(S)S7   |
| S9  | 21       | RD (unique items)   |
| S10 | 41308    | (CHANGE OR CONFIGURATION) (2W)CONTROL?  |
| S11 | 1876     | S10(S) (CONTRACT? ? OR CONTRACTUAL)   |
| S12 | 6        | S3(S)S11  |
| S13 | 6        | RD (unique items)   |
| S14 | 172170   | CONFIGURATION()MANAGEMENT OR CM   |
| S15 | 4078     | S14(S) (CONTRACT? ? OR CONTRACTUAL OR LEGAL() (AGREEMENT OR INSTRUMENT? ?))   |
| S16 | 6        | S7(S)S15  |
| S17 | 19       | S1(S)S15  |
| S18 | 92       | S1(S)S10  |
| S19 | 117      | S16:S18   |

S20 71 RD (unique items)  
?t20/3,k/all

20/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02441303 204143221  
**Determining what is HIPAAffordable: A professional costing approach to HIPAA implementation**  
Gue, D' Arcy Guerin  
Health Management Technology v23n10 PP: 16-20 Oct 2002  
ISSN: 1074-4770 JRNL CODE: CIH  
WORD COUNT: 1779

...TEXT: 000 per year. Savings of 50 percent to 60 percent are possible through outsourcing.

IT **configuration** management. Covers **controls** put into place to prevent user adaptations to standard system configurations (including individual workstations) that...

... management systems, hardware inventory control, OS and network upgrades supporting "minimum necessary" restrictions, and strengthened **virus** protection.

The major cost driver is the number of computers that must be managed, and ...

20/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02366406 117541249  
**Information security and the Internet**  
Doddrell, Gregory R.  
Internet Research v6n1 PP: 5-9 1996  
ISSN: 1066-2243 JRNL CODE: NTRS  
WORD COUNT: 2151

...TEXT: the form of security policies and procedures, security education, security management and monitoring, user authentication, **virus** protection, data encryption; **change control**, logical barriers, physical barriers, information back-up and recovery strategies and business continuity planning.

Figure...

20/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02325903 86921740  
**Deploying Novell's BorderManager Internet Security Firewall: a case study**  
Kumar, Satish  
Campus - Wide Information Systems v16n2 PP: 57-62 1999  
ISSN: 1065-0741 JRNL CODE: CWFS  
WORD COUNT: 3228

...TEXT: institutions or have a close relation with education. Discussion topics include policy discussions, awareness programme, **virus** protection,

**change control** , privileges, monitoring, risk assessments, auditing, business resumption, etc.

10. Network Security Assessment

Unmoderated list hosted...

20/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01354498 00-05485  
**Cut desktop management costs!**  
Simpson, David  
Datamation v43n1 PP: 102-105 Jan 1997  
ISSN: 0011-6963 JRNL CODE: DAT

...ABSTRACT: tasks, including software distribution/installation/tracking/metering, hardware and software inventory, asset tracking, security, hardware **configuration** , remote **control** , help desk, capacity planning, troubleshooting, license metering, and **virus** protection. Another major benefit of desktop management suites is that they usually include remote control...

20/3,K/5 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01259217 99-08613  
**NetWare getting new neighbors**  
Willett, Shawn  
Computer Reseller News n692 PP: 63 Jul 15, 1996  
ISSN: 0893-8377 JRNL CODE: CRN  
WORD COUNT: 328

...TEXT: will let users launch applications regardless of where the executables reside on a multiserver network. **Virus** -detection, desktop-**configuration** and remote- **control** features are also included.

Novell officials expect general availability for the product later this summer.

20/3,K/6 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00658184 93-07405  
**Fighting Viruses Through Systems Management: The Corporate Perspective**  
Tippett, Peter S.  
International Journal of Information Resource Management v3n4 PP: 8-17  
1992  
ISSN: 0956-4225 JRNL CODE: IRE  
WORD COUNT: 6067

...ABSTRACT: storage media. Theoretical and field studies indicate exponential growth as the reason for the computer **virus** problem. For an organization, the **virus** issue can only be effectively addressed in a proactive manner, through an enterprise-wide, systems...

... and, in particular, the management of new and modified software use

(software integrity control and **change control** ). Certus and Certus LAN, from Certus International, are examples of integrity-oriented, microcomputer systems management software. Certus provides a broad range of **virus** prevention, identification, localization, and recovery tools including those which operate in scientifically fundamental ways. Certus

...  
...TEXT: and in particular, the management of new and modified software use (software integrity control and **change control** ).

Viruses are one of the most glaring examples of the unmanageability of software use on...

... is most appropriate for addressing the computer virus issue (software execution control, integrity management, and **change control** ), have not been generally known or understood in the microcomputer environment--but they are available...

20/3,K/7 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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09717946 Supplier Number: 84841023 (USE FORMAT 7 FOR FULLTEXT)  
**Connectivity keys embedded device utility. (Electrical/Electronics). (Bill Peisel, NETsilicon Inc.; advertisement) (Brief Article)**  
DeMeis, Rick  
Design News, v57, n7, p91(1)  
April 8, 2002  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Refereed; Academic Trade  
Word Count: 340

... com. Enter 602  
Security Overview

| Protection From   | Points of Attack | Security Types | Protection Methods |
|-------------------|------------------|----------------|--------------------|
| Outside Hackers   | Configuration    | Access         | Control            |
| Authentication    |                  |                |                    |
| Sabotage          | Web Server       |                |                    |
|                   | Telnet           |                |                    |
| Stealing Info     | SNMP             | Privacy        |                    |
|                   | XMAL             |                |                    |
| Accidental        |                  |                |                    |
| Changes           | Data             |                |                    |
| Data Insertion... |                  |                |                    |

20/3,K/8 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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09042369 Supplier Number: 78860030 (USE FORMAT 7 FOR FULLTEXT)  
**Security Angst. (staving off employee rebellion against security policies)**  
Bragg, Roberta  
Enterprise Systems Journal, v16, n10, p30  
Oct, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1841

... that's why stronger controls need to be placed on sensitive areas. Making sure that **virus** checkers and e-mail filters are in place will help keep e-mail under control...

...keep tabs on whether these installations are actually doing their job. Keeping hardware and software **change** under **control** by recording all configuration changes and logging server restarts will also help strengthen these sensitive...

20/3,K/9 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08840028 Supplier Number: 76804661 (USE FORMAT 7 FOR FULLTEXT)  
NCI Information Systems, Inc. Names Two Senior Vice Presidents to Corporate Executive Team and a Vice President of DOE Operations.  
Business Wire, p2307  
July 27, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 821

... right down to the desktop.  
These services include remote administration, network management, help desk support, **virus** detection, software metering and distribution, asset management, **configuration control**, and information security support services.  
"Bill brings over 20 years experience in information technology systems...

20/3,K/10 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08446033 Supplier Number: 71185615 (USE FORMAT 7 FOR FULLTEXT)  
Ten Ways to Make Windows 98 Run Better.(Ten Ways to Make Windows 98 Run Better -- We all have 'em: favorite tweaks, tricks, and alterations we use to make Win98 work better or faster. Here are some of the best.)  
Langa, Fred  
WinMag.com, pNA  
March 2, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1610

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...others. Microsoft Office's Find Fast is a notorious CPU hog, as are many anti-**virus** and "disk doctor" apps that run constantly in the background. For programs like these, use...

...program's Setup applet to control what runs in the background. Use Win98's System **Configuration** Utility to **control** which system-level tasks load at startup.To launch System Configuration Utility, press the Start...

20/3,K/11 (Item 5 from file: 16)  
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08377086      Supplier Number: 70972142      (USE FORMAT 7 FOR FULLTEXT)  
**Ten Ways to Make Windows 98 Run Better.** (Product Support)  
Langa, Fred  
WinMag.com, pNA  
Feb 28, 2001  
Language: English      Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count:      1610

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...others. Microsoft Office's Find Fast is a notorious CPU hog, as are many anti- **virus** and "disk doctor" apps that run constantly in the background. For programs like these, use...

...program's Setup applet to control what runs in the background. Use Win98's System **Configuration** Utility to **control** which system-level tasks load at startup. To launch System Configuration Utility, press the Start...

20/3,K/12      (Item 6 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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07003993      Supplier Number: 59223928      (USE FORMAT 7 FOR FULLTEXT)  
**The Fat of The LAN -- Desktop management software curbs fat clients, yet lets users feel like they have free rein. We tested four suites in our labs; here's the skinny.** (four packages reviewed) (Software Review) (Evaluation)  
Feldman, Jonathan  
Network Computing, p57  
Feb 7, 2000  
Language: English      Record Type: Fulltext  
Article Type: Evaluation  
Document Type: Magazine/Journal; Trade  
Word Count:      1152

...      Summary -- Desktop Management  
Modern desktop management suites provide advanced application deployment and monitoring functions, desktop **configuration** and **control**, and remote-control services. The leading packages recognize that **virus** protection is an important desktop management function, and integrate it into the suite. Desktop management...

20/3,K/13      (Item 7 from file: 16)  
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06668402      Supplier Number: 54890312      (USE FORMAT 7 FOR FULLTEXT)  
**Anesthetic Patch Approved for Postherpetic Neuralgia.**  
Antiviral Agents Bulletin, v12, n5, pNA  
May, 1999  
Language: English      Record Type: Fulltext  
Document Type: Newsletter; Academic  
Word Count:      186

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...associated with post-herpetic neuralgia, a complication of shingles (herpes zoster; due to varicella-zoster **virus**). This is the first product to receive FDA approval with an indication specifically for the...



...product from Hind Health Care, Inc. (San Jose, CA). Lidoderm is a 10 x 14 cm patch composed of an adhesive containing 5% lidocaine applied to a non-woven polyester felt...

...increases in blood levels of lidocaine. An estimated one million persons in the U.S. contract shingles with almost all experiencing pain and as many as 20%, particularly the elderly, developing...

20/3,K/14 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06146931 Supplier Number: 53927446 (USE FORMAT 7 FOR FULLTEXT)  
**Diasorin/Medical Systems Group.**  
Biomedical Market Newsletter, v9, n1, p51(1)  
Jan 31, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Refereed; Trade  
Word Count: 260

... from a IGG (sheep) anti-hav-hrp to a fab anti-hay (mab)-hrp; a change in positive control material to a human source sera; elimination of mercury preservative in reagents; a change in...

...ha-IGMk plus & is for use in qualitative determination of IGM antibodies to hepatitis a virus (IGM anti-hav) in human serum or plasma. This assay is for use as an aid in diagnosis & monitoring of acute or recent hepatitis a virus infection.

PMA No: P890019S005  
Device: Diasorin eti-ab-havk plus  
Date Apprvd: Sept 22 1998...

...from an IGG (human) anti-hav-hrp to a fab anti-hav (mab)-hrp; a change in positive control & negative control materials to human source sera; elimination of mercury preservative in reagents; & addition of...

...diasorin eti-ab-havk plus & is for qualitative determination of total antibodies to hepatitis a virus (anti-hay) in human serum or plasma. This assay is for use as an aid in diagnosis of current or previous hepatitis a virus infection & as an aid in diagnosis of current or previous hepatitis a virus infection & as an aid in identification of hay-susceptible individuals for vaccination.

20/3,K/15 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05736129 Supplier Number: 50215613 (USE FORMAT 7 FOR FULLTEXT)  
**You Can Claim Victory Over Viruses**  
Byrne, Philip Carden; Laurence  
Network Computing, p102  
August 1, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Magazine/Journal; Trade  
Word Count: 1805

... a secure proxy server to cache the signature files.  
Another user-behavior consideration is centralized configuration control. An expensive antivirus suite won't provide any protection if a

user has disabled it...

...the boot sequence. Control over scanner activation is of particular interest. There are many different virus -detection techniques, and some of them, such as checking all files against a library, can...

20/3,K/16 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05598919 Supplier Number: 48472672 (USE FORMAT 7 FOR FULLTEXT)  
Year 2000 Wire/Information Technology Showcase Partners NCI Information  
Systems Inc. with Computer Associates' Unicenter TNG.  
Business Wire, p5081222  
May 8, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 489

... EMC facility provides remote network management services, as well as help desk support, remote administration, virus detection, software metering and distribution, asset management, configuration control , and information security.

A reception for invited guests and customers will commence at 2:00...

20/3,K/17 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05129700 Supplier Number: 47831111 (USE FORMAT 7 FOR FULLTEXT)  
WANG SHOWCASES INTEGRATED 'DATADEFENSE' PC SECURITY SOLUTION AT TECHNET  
Federal Computer Market Report, p003  
July 14, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 249

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...TechNet in Washington, D.C., a fully integrated security solution that incorporates a reduced emission configuration , access control , encryption and virus scan software to protect information on PCs and client/server networks. Wang says the system...

20/3,K/18 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05009213 Supplier Number: 47356633 (USE FORMAT 7 FOR FULLTEXT)  
Blood Banking (Virucidal) "Comparison of Methylene Blue and Methylene  
Violet for Photoinactivation of Intracellular and Extracellular Virus in  
Red Cell Suspensions."  
Blood Weekly, pN/A  
May 5, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 327

... with methylene blue (MB) in red cell suspensions have demonstrated that extracellular, but not intracellular, virus can be readily

photoinactivated. To test if the resistance of intracellular **virus** to inactivation is related to the permanent positive charge of the phenothiazine, a series of...

...didemethylated MV, were studied. Values of the sensitivity of intracellular relative to extracellular vesicular stomatitis **virus** (VSV) inactivation for the three dyes (D-10 extracellular/D-10 intracellular) in buffer were 1.0, 0.60 and 0.33, respectively. In contrast, intracellular **virus** was resistant to inactivation with MB, with a D-10 extracellular/D-10 intracellular of...

...was enhanced potassium efflux and hemolysis over values obtained from untreated controls; the extent of **change** from **controls** was comparable for each phototreatment. These results indicate that the uncharged phenothiazine dye, MV, can inactivate both intracellular and extracellular **virus** yet exhibit similar in vitro red cell storage properties as MB phototreatment." The corresponding author...

20/3,K/19 (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04667129 Supplier Number: 46868510 (USE FORMAT 7 FOR FULLTEXT)  
**Security First Network Bank Completes Acquisition of SecureWare, Changes Name of Subsidiary**  
PR Newswire, p1105ATTU017  
Nov 5, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1232

... R) suite of security products and services include HannaH(R) network security product, Troy(TM) **virus** ; prevention and **configuration control** tool, and SecureMail(R) secure e-mail package. When implemented in combination with the VirtualVault...

20/3,K/20 (Item 14 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

04457828 Supplier Number: 46543781 (USE FORMAT 7 FOR FULLTEXT)  
**NetWare Getting New Neighbors**  
Computer Reseller News, p63  
July 15, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 332

... will let users launch applications regardless of where the executables reside on a multiserver network. **Virus** -detection, desktop-**configuration** and remote- **control** features are also included.

Novell officials expect general availability for the product later this summer.

20/3,K/21 (Item 15 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04441059 Supplier Number: 46517892 (USE FORMAT 7 FOR FULLTEXT)  
**SYMANTEC DELIVERS REAL-TIME SERVER MANAGEMENT SOLUTION**

PR Newswire, p0701SFM002

July 1, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1402

... addressed by Norton Administrator Suite include hardware and software inventory, software metering and distribution, desktop **virus** protection, desktop **configuration** management, remote **control** and now server management.

Competitive Environment

Expose provides network administrators the only single solution for...

20/3,K/22 (Item 16 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04223783 Supplier Number: 46180164 (USE FORMAT 7 FOR FULLTEXT)

**TCSI'S OBJECT SOFTWARE CHOSEN FOR KOREA MOBILE TELECOM'S NEW NETWORK AND CONFIGURATION MANAGEMENT SYSTEMS**

PR Newswire, p0228SFW010

Feb 28, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 742

... s Object Services Package (OSP) and consulting services to develop integrated network fault management and **configuration management** systems for KMT, the leading provider of cellular services in Korea. OSP 4.0 is...

...development and runtime environment. OSP will provide greater flexibility to KMT's CDMA- based cellular **system** in **adapting** to the rapid business change characterizing the cellular industry.

"TCSI and SICC will work closely..."

20/3,K/23 (Item 17 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04214634 Supplier Number: 46165379 (USE FORMAT 7 FOR FULLTEXT)

**SecureWare sells Internet system security to HP, concentrates on Internet application security.**

Business Wire, p2221289

Feb 22, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 616

... encryption services without modifying applications, creating a "virtual private network."

Troy provides cryptographic file protection, **virus** prevention, and **configuration control** for desktops and servers.

Specializing in "add-on" application-level security is in keeping with ...

20/3,K/24 (Item 18 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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03265576      Supplier Number: 44495167      (USE FORMAT 7 FOR FULLTEXT)  
**SECURITY: Users Still Struggle To Manage 'LANarchy'**  
InformationWeek, p34  
March 7, 1994  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count:      1621

... she says. The kinds of client-server security tools Curran is currently evaluating include anti - **virus** software, **change control** management software, and reporting tools.

Kathleen Kimball, data security officer at Pennsylvania State University in...

20/3,K/25      (Item 19 from file: 16)  
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02565649      Supplier Number: 43403122      (USE FORMAT 7 FOR FULLTEXT)  
**IBM ANNOUNCEMENTS**  
Computergram International, pN/A  
Oct 27, 1992  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:      933

... a Logical Volume Manager, Journalled File System, Object Data Manager, performance tools for application tuning, **virus** scanning and System Resource Controller. The controller, a service for controlling process and subsystems, is...

...management capabilities, IBM has announced a variety of systems management programs and services like AIX **Configuration** Management Version **Control** , Resource Licence Manager, SoftDist/6000 and AIX Systems Monitor/6000. AIX SystemView NetView/6000 Version...

20/3,K/26      (Item 20 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02526079      Supplier Number: 43344843      (USE FORMAT 7 FOR FULLTEXT)  
**IPOs IN REGISTRATION:McAfee Associates, Inc.**  
Venture Capital Journal, v32, n10, pN/A  
Oct, 1992  
Language: English      Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count:      236

... viruses in PCs and networks, giving the company an estimated 62% share of the corporate **virus** detection market. Other products include a general purpose utility program designed to locate and manipulate files and data within files, and an access, boot and **configuration control** utility program.

Once a "shareware" (electronically-distributed software) program is available on the company's...

20/3,K/27      (Item 21 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01823441      Supplier Number: 42302841      (USE FORMAT 7 FOR FULLTEXT)  
**Personal Computer Card Corporation Unveils Model 15 Smart Card Data  
Security System**  
News Release, p1  
August 20, 1991  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count:      720

...      physical  
access to portable and desktop computers. They provide complete data  
security, virus protection and **configuration control**  
for all portable  
and desktop computers. PC3 products are for individual users, but are  
designed...

20/3,K/28      (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

15196253      SUPPLIER NUMBER: 93082298      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Determining what is HIPAAffordable: a professional costing approach to  
HIPAA implementation. (HIPAA Watch).(Health Insurance Portability and  
Accountability Act)**  
Gue, D'Arcy Guerin; Spearly, John; Grove, Tom  
Health Management Technology, 23, 10, 16(3)  
Oct, 2002  
ISSN: 1074-4770      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT:      1914      LINE COUNT:      00164

...      000 per year. Savings of 50 percent to 60 percent are possible  
through outsourcing.

IT **configuration** management. Covers **controls** put into place to  
prevent user adaptations to standard system configurations (including  
individual workstations) that...

...management systems, hardware inventory control, OS and network upgrades  
supporting "minimum necessary" restrictions, and strengthened **virus**  
protection.

The major cost driver is the number of computers.

20/3,K/29      (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

11418788      SUPPLIER NUMBER: 55878378      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Preserve, Protect, and Defend.(information security planning)**  
Kelly, Brian J.  
Journal of Business Strategy, ITEM9927000F  
Sept, 1999  
ISSN: 0275-6668      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT:      1906      LINE COUNT:      00177

...  
Assessment & Management      Internal Audit & Compliance Monitoring  
  
Security Education & Awareness      Physical Security  
  
Identification & Authentication      Access Control  
  
Change Control & Management      Illicit Code & Virus

Protection

Incident Response & Reporting  
Recovery

Business Continuity, Back-up, and

20/3,K/30 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10516772 SUPPLIER NUMBER: 53059685 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**CA Adds Enterprise Class Remote Control to Enterprise and Workgroup Edition  
Product Lines.**  
Business Wire, 0188  
Oct 6, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 825 LINE COUNT: 00074

... full inter-application integration. For example, ControlIT users  
can use InoculateIT to protect files against virus attacks ShipIT to  
distribute remote control configuration. ControlIT users also reap the  
benefits of the Unicenter TNG's Real World Interface (2D, 3D...

20/3,K/31 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08467651 SUPPLIER NUMBER: 17991491 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Without proper security measures your organization could be sunk. (systems  
management) (Special supplement: Client-Server Computing) (Technology  
Information)**  
Purba, Sanjiv; Thompson, Don  
Computing Canada, v22, n4, pS12(1)  
Feb 15, 1996  
ISSN: 0319-0161 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 825 LINE COUNT: 00075

...ABSTRACT: grow in size and distribution. Network and application  
management includes software distribution, data storage management,  
configuration management, inventory control, network statistics and  
security and virus protection. Centralization of control is an important  
issue.

20/3,K/32 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08456396 SUPPLIER NUMBER: 17861163 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Patient-centered medicine: a professional evolution. (The Patient-Physician  
Relationship)**  
Laine, Christine; Davidoff, Frank  
JAMA, The Journal of the American Medical Association, v275, n2, p152(5)  
Jan 10, 1996  
ISSN: 0098-7484 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5383 LINE COUNT: 00455

... patient relationship. JAMA. 1992;267:2221-2226. (17.) Quill TE.  
Partnerships in patient care: a contractual approach. Ann Intern (18.)  
Delbanco TL. Enriching the doctor-patient relationship by inviting the  
patient...45.) Karnofsky DA, Burchenal JH. The clinical evaluation of

chemotherapeutic agents in cancer. In: Macleod **CM** , ed. Evaluation of Chemotherapeutic Agents. New York, NY: Columbia University Press; 1949:191-205. (46...

...Evaluation of the quality of life associated with zidovudine treatment in asymptomatic human immuno-deficiency **virus** infection. N Engl J Med. 1994;330:738-743 (49.) Wachtel T, Piette J, Mor V, Stein M, Fleishman J, Carpenter C. Quality of life in persons with human immunodeficiency **virus** infection: measurement by the Medical Outcomes Study instrument. Ann Intern Med. 1992;116:961-966...

20/3,K/33 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08060317 SUPPLIER NUMBER: 17164303 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**NORMAN DATA DEFENSE SYSTEMS SHIPS TRUE 32-BIT VIRUS PROTECTION FOR WINDOWS NT USERS**  
PR Newswire, p814NE002  
August 14, 1995  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 687 LINE COUNT: 00073

... we've been able to move to NT confident that our data is secure."  
**Flexible Configuration**  
Norman **Virus Control** for Windows NT provides built-in flexibility that allows the system to be tailored to...

20/3,K/34 (Item 7 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05422376 SUPPLIER NUMBER: 11143051 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**System 7.0 unlocks door to data thieves. (by making it easier to access sensitive information)**  
Battelle, John  
MacWEEK, v5, n28, p53(1)  
August 13, 1991  
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 686 LINE COUNT: 00053

...ABSTRACT: s built-in file-sharing and aliasing features make it easier for potential thieves and **hackers** to use 'back doors' to gain access to users' Macintoshes. Earlier versions of the Macintosh...

...rummaging through the disk from another point on the network. It is also possible to **change** the **controller** 's master file-sharing password and use file sharing's remote-access features to scan...

20/3,K/35 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05129868 SUPPLIER NUMBER: 10581422 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Symantec Corp.: The Norton Utilities 5.0. (Software Review) (one of four utility program evaluations) (evaluation)**  
Brown, Bruce  
PC Week, v8, n14, p104(1)  
April 8, 1991  
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH



Search Report from Ginger D. Roberts

RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1303 LINE COUNT: 00103

...ABSTRACT: also offers superior drive protection and enhancement. The program contains more than disk utilities; system **configuration** and **control** features and disk management tools are included. The Norton Utilities 5.0 program's Speed...

...performance. The list of data security functions, including password protection, keyboard lock, file encryption and **virus** protection, is the most complete set of security features available in a general-purpose utility...

20/3,K/36 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04522969 SUPPLIER NUMBER: 08280570 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Ashton-Tate ships Control Room. (product announcement)**  
PR Newswire, 0327LA006A  
March 27, 1990  
DOCUMENT TYPE: product announcement LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 1079 LINE COUNT: 00090

... num lock' key when booting up a computer, and control cursor run-on. Plus, the **virus** check and system **configuration control** will be great for my customers in large MIS departments."  
Features and Benefits  
Control Room...

20/3,K/37 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01982306 SUPPLIER NUMBER: 18627023 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Easy-to-use suite of popular tools. (Symantec's Norton Administrator Suite Essential Edition 1.0) (Software Review) (Evaluation)**  
Chang, Henry  
PC User, n286, p61(2)  
June 26, 1996  
DOCUMENT TYPE: Evaluation ISSN: 0263-5720 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1484 LINE COUNT: 00124

... hardware and software inventories, plus software metering and distribution. Norton Desktop Administrator deals with desktop **configuration control** across all Windows platforms. The revised version of the Norton Administrator for Networks console enables...

...one front-end. pcANYWHERE enables remote communications over a network and Norton AntiVirus provides comprehensive **virus** protection.  
NAS is a NOS-independent administration package which runs TSRs for software metering and...

20/3,K/38 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01260871 SUPPLIER NUMBER: 07270645 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Viruses, pests, and politics: state of the art.**

Nelson, Robin

Computer Decisions, v20, n12, p40(1)

Dec, 1988

ISSN: 0898-1825

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 756

LINE COUNT: 00060

... Cohen, a professor at the University of Cincinnati and publisher of pioneer studies on computer **viral** phenomena. "They can survive many generations of program changes and upgrades. Even the most thoroughly verified program might become infected in its executable form. Typical **change control** mechanisms do not stop or detect this."

The network security problem is massive and will...

20/3,K/39 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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01433726 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**TCSI Corp**

(Korea Mobile Telecom orders TCSI's Object Services Package that will provide greater flexibility to its cellular system)

RCR Radio Communications Report, v 15, n 11, p 15

March 11, 1996

DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 79

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

TCSI Corp. and its Korean distributor, SsangYong Information and Communications Corp., has signed **contracts** with Korea Mobile Telecom to supply TCSI's Object Services Package and consulting services to develop integrated network fault management and **configuration management** systems for KMT. TCSI's OSP 4.0 is an industrial-strength, distributed object development...

...said. OSP will provide greater flexibility to KMT's Code Division Multiple Access-based cellular **system** in **adapting** to the rapid business change characterizing the cellular industry, TCSI said.

...

20/3,K/40 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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27855948 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Final HIPAA Security Standards Published**

Mr Dean Harvey

MONDAQ.COM

February 26, 2003

JOURNAL CODE: FMOQ LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 835

... would have included documentation, hardware/software installation and maintenance review, inventory procedures, security testing and **virus** checking (other standards in the final rule, however, address these measures and practices). Under the...

... or responses to newly recognized risks to the security of its

information; (3) enter into **contracts** with persons that meet the definition of business associate as that term has been defined...

20/3,K/41 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

27714574

**Event Brief of Q4 & Full Year 2002 Total Fina Elf Earnings Release**  
**Conference Call (Paris) - Final - Part 1**  
FAIR DISCLOSURE WIRE  
February 20, 2003  
JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 4323

... through turnarounds to upgrade by making them more reliable and safer. 2. Co. continued to **adapt** the refining **system** to the new market, and demand for lighter products, with higher desulferization within the system...

20/3,K/42 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

27507167

**Beyond Management Myths**  
FINANCIAL EXPRESS  
February 11, 2003  
JOURNAL CODE: WFEX LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 700

...cent in BSES, also supported the change in management, particularly since the Reliance bid for **change** in **control** was made through a second open offer by it. In todays times, this change means...

20/3,K/43 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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26914774

**CANADA NEWSWIRE SUMMARY OF RELEASES FOR TUESDAY, JANUARY 7, 2003**  
CANADA NEWSWIRE  
January 07, 2003  
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 2270

... QuickTax Line-Up (Intuit-Canada) C7836 - WEST PALM BEACH, FL :  
HearUSA Signs Additional Florida Healthcare **Contracts**  
(FL-HEARx-Helix-combin) C7837 - CALGARY : CSI Introduces Precision Guidance  
Product for Ag Implements (CSI... IBM) C7912 - VANCOUVER : Securities  
commission reverts to former fees (BCSC- stop-fee-reduce) C7914 - TORONTO :  
**CM** Investment Management Launches Renaissance Canadian Income Trust Fund  
II and Caps Renaissance Canadian Income Trust Fund ( **CM** -  
Investment-funds) C7926 - TORONTO : BCY LifeSciences reports patient  
enrollment and treatment has started for the...

... a-Bell-Can&Techn De-DEV) C7944 - SAN FRANCISCO : Kerio Brings Robust  
Features, McAfee Anti- **Virus** to the Mac OS X Mail Server Game  
(CA-Kerio-Technologies) C7945 - SAINT-LAURENT, QC...

Search Report from Ginger D. Roberts

20/3,K/44 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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26500011

**CANADA NEWSWIRE SUMMARY OF RELEASES FOR MONDAY, DECEMBER 9, 2002**

CANADA NEWSWIRE

December 09, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3821

... New Look for Growing Independent Financial Services Firm  
(TWC-new-name-new-look) C1650 - DENVER : **Change of Control** of High  
Desert Mineral Resources, Inc. (CO-High-DesertRGLD) C1661 - KIRKLAND, WA :  
Sumas Energy 2...

20/3,K/45 (Item 6 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

24938295

**Canada NewsWire summary of releases for Friday, September 13, 2002**

CANADA NEWSWIRE

September 13, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2432

... halts) C0958 - PARIS, France : 'Nautilus Biotech Announces  
Advancement of Improved Interferon Alpha for Hepatitis C **virus**  
infection' (Nautilus-Hep-C- **virus**) C0964 - CALGARY : TransCanada Power,  
L.P. Announces Quarterly Distribution (TransCanada-Power) C0965 - TORONTO :  
On today...

20/3,K/46 (Item 7 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

23774247

**Canada NewsWire summary of releases for Monday, July 8, 2002**

CANADA NEWSWIRE

July 08, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2858

... Initiatives (MI- Comshare-Red-Cross) C3182 - WATERLOO, ON : eTrack  
Solutions Selects MKS for Enterprise Software **Configuration Management**  
(eTrack-selects-MKS) C3193 - CALGARY : Superior Propane Income Fund -  
Monthly Cash Distribution Announcement (Superior-distribution...

... Experiences Unprecedented Growth (IP- Application-growth) C3236 -  
CALGARY : ATCO Noise Management Wins Three U.S. **Contracts** (ATCO- Noise-  
**contracts**) C3243 - VANCOUVER : B.C. risk takers fuel economic growth and  
innovation (EOY-Pacific-finalists) C3244...

20/3,K/47 (Item 8 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

23766095

Search Report from Ginger D. Roberts

**Canada NewsWire summary of releases for Midday, Monday, July 8, 2002**

CANADA NEWSWIRE

July 08, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1512

... Initiatives (MI- Comshare-Red-Cross) C3182 - WATERLOO, ON : eTrack Solutions Selects MKS for Enterprise Software **Configuration Management** (eTrack-selects-MKS) C3193 - CALGARY : Superior Propane Income Fund - Monthly Cash Distribution Announcement (Superior-distribution...

20/3,K/48 (Item 9 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

23198859

**Canada NewsWire summary of releases for Wednesday, June 5, 2002**

CANADA NEWSWIRE

June 05, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3745

... Distribution (Heating-Oil-Partners) C3227 - WATERLOO, ON : Federated Insurance Companies Select MKS for Enterprise Software **Configuration Management** (MKS-product-selected) C3228 - TORONTO : Synergy Asset Management Inc. Announces Appointment of Marsico Capital Management...

20/3,K/49 (Item 10 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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22146383

**Canada NewsWire summary of releases for Monday, April 8, 2002**

CANADA NEWSWIRE

April 08, 2002

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3817

...Award Winner (MA-Biogen-award-winnr) C2060 - TORONTO : Affinium(TM) Pharmaceuticals Announces a US \$7M **Viral Proteomics** Program to Prioritize Druggable Targets to Fight **Virus** -Induced Disease (Affinium-\$7M-program) C2072 - TULSA, Okla. : EnergyNewsLive.com Gains 'Behind the Scenes' Access ...

... for 2001 (OPTrust- 2001-results) C2092 - TORONTO : AT&T Canada wins multi-year \$7 million **contract** with Government Telecommunications and Informatics Services of Public Works and Government Services Canada (AT&T ... the US Market (a-SR-Telecom-Velocity) C2203 - TORONTO : Centrecorp Management Services announces new management **contract** (Centrecorp-Management) C2210 - OTTAWA, ON : CRG Unleashes the Analytical Power of Microsoft SQL Server for...

20/3,K/50 (Item 11 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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20121246

PR Newswire Northern California Summary, Monday, December 3, 2001 Up to 2:00 p.m. PT

March 10, 2003 19 12:29

Search Report from Ginger D. Roberts

PR NEWSWIRE

December 03, 2001

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1302

... 08:10 r f bc-CA-Network-Assoc (SANTA CLARA) McAfee VirusScan Solution First Anti- **Virus** Product to Receive ICSA Certification on Microsoft Windows XP SFM072 12/03/2001 08:22...

...r f bc-CA-Sun-Hughes-contrct (SANTA CLARA) Hughes Network Systems Awards Multimillion Worldwide **Contract** to Sun Microsystems for Next-Generation SPACEWAY Satellite Platform SFM025 12/03/2001 09:01...

...the Model Driven Architecture SFM097 12/03/2001 09:42 r f bc-CA-Listen. **cm** -Rhapsody (SAN FRANCISCO) Listen.com(R) Launches Rhapsody(TM) Digital Music Subscription Service SFM033 12...

20/3,K/51 (Item 12 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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20113715

PR Newswire California Summary, Monday, December 03, 2001 up -2-

PR NEWSWIRE

December 03, 2001

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1310

... 08:10 r f bc-CA-Network-Assoc (SANTA CLARA) McAfee VirusScan Solution First Anti- **Virus** Product to Receive ICSA Certification on Microsoft Windows XP DAM005 12/03/2001 08:15 r f bc-TX-CA-ACS- **contract** (DALLAS) ACS Awarded **Contract** Extension With City of Orange, California SFM072 12/03/2001 08:22 r f bc...

...r f bc-CA-Sun-Hughes-contrct (SANTA CLARA) Hughes Network Systems Awards Multimillion Worldwide **Contract** to Sun Microsystems for Next-Generation SPACEWAY Satellite Platform LAM052 12/03/2001 09:01...Fashioning 'Hip Chip' Wear LAM072 12/03/2001 09:36 r f bc-CA-SpaceDev- **Contract** (POWAY) SpaceDev Receives \$1.2 Million Microsatellite **Contract** Increase SFM097 12/03/2001 09:42 r f bc-CA-Listen. **cm** -Rhapsody (SAN FRANCISCO) Listen.com(R) Launches Rhapsody(TM) Digital Music Subscription Service DAM016 12...

20/3,K/52 (Item 13 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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16667849

PR Newswire Washington, DC Summary, Monday, May 14, to 3:30 P.M. EDT

PR NEWSWIRE

May 14, 2001

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1226

...bc-dc-GateKper-Eml-Vrus (WASHINGTON) GateKeeper Announces the Start of its Second E-Mail **Virus** Challenge! DCM061 05/14/2001 15:02 r f bc-DC-NCTA-Cable-2001 (WASHINGTON...

... 14/2001 08:31 r f bc-MD-Startec-Govt-cont (POTOMAC) Startec Secures First **Contract** with United States Government DCM014 05/14/2001 08:33 r f bc-MD-B2EMkts-MktRsch. **cm** (ROCKVILLE) B2eMarkets and MarketResearch.com Partner to Deliver Market Research to Strategic Sourcing Professionals

March 10, 2003 20 12:29

Search Report from Ginger D. Roberts

NYM017...BB&T Joins NACHA CHM003 05/14/2001 09:02 r f bc-VA-Anteon-  
**contract** (FAIRFAX) Anteon Corporation Awarded \$53.8 Million **Contract**  
for Engineering And Technical Services By Naval Sea Logistics Center CHM002  
05/14/2001 09...

... 09:18 r f bc-VA-Norman-VirusCtrl (FAIRFAX) Norman Rolls Out New  
Version of **Virus** Control for Small Business PHM003 05/14/2001 09:25 r v  
bc-PA-Aetna...

20/3,K/53 (Item 14 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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16430332

PR Newswire California Summary, Monday, April 30, 2001 up to 2:00 p.m. PT  
PR NEWSWIRE  
April 30, 2001  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 989

... r f bc-CA-TCW-Securities (LOS ANGELES) TCW Convertible Securities  
Fund, Inc. Announces Pending **Change** In **Control** of Its Investment  
Manager CGM070 04/30/2001 16:49 r f bc-CA-Eloquent...

20/3,K/54 (Item 15 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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14110179

PR Newswire Washington, DC Summary, Wednesday, Dec. 6, to 3:30 P.M. EST  
PR NEWSWIRE  
December 06, 2000  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1222

... Information From Company DCW035 12/06/2000 10:30 r f  
bc-DC-Nasdaq-VrtulFnd. **cm** (WASHINGTON) Nasdaq Changes Status of Trading  
Halt in VirtualFund.com, Inc. and Requests Additional Information...

...2000 11:48 r f bc-VA-GTSI-MMAD-1-Cntrct (CHANTILLY) GTSI MMAD-1  
**Contract** Subject to Further Consideration PHW021 12/06/2000 12:41 r f  
bc-PA-Duane...

...of its Technologies DCW040 12/06/2000 10:53 r f bc-MD-NECA-Lrg-  
**Contractr** (BETHESDA) NECA: Large Electrical Contractors Pursue Different  
Paths to E-Business and E-Construction Future... 59 r f  
bc-VA-HADRON-Subsid-Cntr (ALEXANDRIA) Hadron Subsidiary Awarded  
Bioterrorism Training Development **Contract** by the University of Alabama  
at Birmingham DCW011 12/06/2000 09:03 r f...

...Based Virtual Test Center DCW003 12/06/2000 09:30 r f bc-VA-Norman-  
**Virus** -Warn (FAIRFAX) Norman Data Defense Systems Warns Against  
Over-Reaction to Deluge of New **Virus** Warnings DCW024 12/06/2000 09:58 r f  
bc-VA-BioNetrix-Award (VIENNA) BioNetrix...

20/3,K/55 (Item 16 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

11035557

PR Newswire California Summary, Monday, May 15, 2000 up to 2:00 p.m. PT

Search Report from Ginger D. Roberts

PR NEWSWIRE

May 15, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1198

... Across the Country SFM153 05/15/2000 15:09 r f  
bc-CA-PlacWar-Presntr. cm (MOUNTAIN VIEW) PlaceWare Inks Deal With  
Presenter.com to Extend Web Conferencing Services DEM038 05 Box Office  
SFM154 05/15/2000 15:24 r f bc-CA-NETA-McAfee- **Virus** (SANTA CLARA) McAfee  
Retail Software Wins 'Best Category Development' Award From Staples SFM157  
05/15...

... 2000 16:00 r f bc-CA-Platforms-Awarded (LOS ANGELES) Americel Awards  
\$330 Million **Contract** to Platforms International SFM144 05/15/2000 16:00  
r f bc-CA-KENETECH-stock...

20/3,K/56 (Item 17 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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10912797

PR Newswire California Summary, Monday, May 08, 2000 up to 2:00 p.m. PT

PR NEWSWIRE

May 08, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1055

...for the Identrus System LAM114 05/08/2000 13:06 r f bc-CA-NASSCO-  
**Contract** (SAN DIEGO) NASSCO Awarded \$22 Million for Second Phase of Ship  
Conversion **Contract** for the U.S. Marine Corps LAM054 05/08/2000 13:09 r f  
bc...

... bc-CA-McAfee-sales-team (CAMBRIDGE) Akamai Helps McAfee.com Support  
Flash Crowds from ILOVEYOU **Virus** SFM156 05/08/2000 13:23 r f  
bc-CA-MyPoints-Dell (SAN FRANCISCO) Dell...

... bc-CA-Auto-Graphics-Lib. (POMONA) State of Tennessee, Division of  
Library and Archives, Awards **Contract** for Internet Resource Sharing to  
AUTO-GRAPHICS, INC. Extending the 10 Year SFM162 05/08...

... PCs From 'Love Letter' and Other E-mail Viruses With Top-Rated  
Round-the-Clock **Virus** Protection From McAfee.com DEM019 05/08/2000 15:06  
r b bc-MI-OnStar... Board of Directors SFM166 05/08/2000 15:27 r f  
bc-CA-SEMI-semiconbay. cm (MOUNTAIN VIEW) SEMI and semiconbay.com Announce  
e-Commerce Initiative for Semiconductor Equipment and Materials...

20/3,K/57 (Item 18 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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08239455

PR Newswire California Summary, Monday, Nov. 15, 1999 up to 2 p.m. PT

PR NEWSWIRE

November 15, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1155

... f bc-CA-Call-Technologies (PALM SPRINGS) Call Technologies'  
netActivate Division Wins Florida Digital Network **Contract** - First  
Intelligent Activation for Voice and Broadband SFM202 11/15/1999 15:00 r f  
... Assoc-PC (LAS VEGAS) Network Associates' McAfee VirusScan Wins PC



Search Report from Ginger D. Roberts

Computing Award For Best Anti- Virus Product DAM066 11/15/1999 16:15 r f bc-CA-Transnat'l-earns (SAN...

...Reports Second Quarter Results SFM217 11/15/1999 16:30 r f bc-CA-Phone.  
cm -Telefnica (REDWOOD CITY) Telefonica Moviles, Spain's Largest Mobile Operator, Selects Phone.com For Commercial...

20/3,K/58 (Item 19 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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06204226  
PR Newswire California Summary, Wednesday, July 14 up to 10:00 a.m. PT  
PR NEWSWIRE  
July 14, 1999  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1320

...and Midwestern U.S. SFW037 07/14/1999 06:00 r f bc-CA-Quote. cm  
-5K-subs (MOUNTAIN VIEW) Quote.com Surpasses 5,000 QCharts Subscribers  
SFW010 07/14/1999...

...Windows CE Development Alliance LAW032 07/14/1999 06:30 r f bc-CA-Titan-  
Contract -FAA (SAN DIEGO) Titan Corporation Awarded \$38 Million Contract  
From the Federal Aviation Administration LAW009 07/14/1999 06:55 r f bc-CA  
...

... bc-CA-On-Command-Corp (SAN JOSE) On Command Corporation Announces  
In-Room Master Services Contract With John Q. Hammons Hotels SFW024  
07/14/1999 08:02 r f bc-CA...

... CLARA) Network Associates Ships CyberCop Sting - Industry's First  
'Decoy' Server Silently Traces and Tracks Hacker Activity SFW042  
07/14/1999 08:02 r f bc-WA-GST-Telecom-settle (VANCOUVER)

20/3,K/59 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00273343 20000505126B3870 (USE FORMAT 7 FOR FULLTEXT)  
Institutional Shareholder Services Endorses Hakatak Nominees and Hakatak  
Poison Pill Proposal in USG Proxy Contest  
Business Wire  
Friday, May 5, 2000 09:45 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 457

...an industry  
downturn or otherwise." In its concluding paragraph ISS stated, "We believe  
that Mr. Hacker 's nominees may bring a fresh perspective to the board of  
directors."  
In its recommendation...

...rescind the poison pill, ISS said:  
"Poison pills insulate management from the threat of a change in control  
. They  
provide a target's board with veto power over takeover bids that may be...

20/3,K/60 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

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00766441 20020514PHTU038 (USE FORMAT 7 FOR FULLTEXT)

**Privacyware Announces Immediate Availability of 3.0**

PR Newswire

Tuesday, May 14, 2002 12:04 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 290

TEXT:

...easy advanced

configuration, and the lowest price among its peers.

Privatefirewall protects Internet users from **hackers** and the variety of

techniques they use to infiltrate or take control of a PC...

...ancillary features unrelated to security."

Privatefirewall 3.0 offers significant enhancements in user interface, firewall **configuration**, and application **control** functionality.

Privatefirewall

delivers instant airtight protection through the default installation, but enables advanced configuration through...

20/3,K/61 (Item 2 from file: 613)

DIALOG(R)File 613:PR Newswire

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00746467 20020411SFTH022 (USE FORMAT 7 FOR FULLTEXT)

**K-GF 20:06 Network Associates Reports First Quarter Revenue**

PR Newswire

Thursday, April 11, 2002 07:14 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 2,871

...Regarding products:

McAfee Security continued to protect customers from both traditional and

the new blended **virus** threats and **hacker** attacks in Q1. The McAfee Desktop

Firewall 7.5 security solution shipped combining comprehensive packet...

...system (IDS)

technology, all of which can be centrally managed by McAfee's leading anti- **virus** management console, ePolicy Orchestrator. According to independent

research firm Computer Economics, the McAfee Desktop Firewall...

...for

Novell NetWare 6 servers. This latest version of the NetShield software provides monitoring and **configuration control** from ePolicy Orchestrator's

single console, simplifying defense against viruses and malicious code for the...

...in use worldwide.

During the quarter, McAfee Security also announced that its e-mail anti- **virus** security solution, GroupShield for Microsoft Exchange, won the "Best Buy" award from Secure Computing Magazine...

...of products that made up

Secure Computing magazine's "Pick of 2001."

McAfee AVERT (Anti- **Virus** Emergency Response Team) led the charge in protecting customers from the most prominent **virus** threats, which included Donut, Fbound, Gigger, Klez, MyLife, MyParty, Sharpei and SWF/LFM. McAfee AVERT...

...including:

Nationwide Mutual Insurance Company, who selected McAfee Security over competitors for the McAfee Active **Virus** Defense Suite and McAfee's professional services; and the Defense Information Systems Agency, (DISA), who...

20/3,K/62 (Item 3 from file: 613)

DIALOG(R) File 613:PR Newswire

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00739520 20020327NEW016 (USE FORMAT 7 FOR FULLTEXT)

**NetEffect Deploys Aprisma's Spectrum Security Manager**

PR Newswire

Wednesday, March 27, 2002 11:33 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 730

TEXT:

...an onsite -- often complex -- IT infrastructure. However, these isolated networks also provide a target for **hackers** to breach these systems or worse, provide a catalyst to enter corporate networks. SPECTRUM Security...

...cause. This in turn, allows us to reduce response and resolution times and minimize the **hacker** 's impact on our customers' business," said Mel Kemp, vice president of managed network solutions...

...products

are integrated to provide a seamless workflow among network management tasks

such as device **configuration** , **change control** , security policy administration

and performance monitoring.

SPECTRUM Security Manager combines the award-winning fault isolation...

20/3,K/63 (Item 4 from file: 613)

DIALOG(R) File 613:PR Newswire

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00697070 20020107SFM085 (USE FORMAT 7 FOR FULLTEXT)

**McAfee Announces Virus Defense for Novell NetWare 6**

PR Newswire

Monday, January 7, 2002 08:02 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 640

TEXT:

...6 solution for Novell NetWare 6 servers. The NetShield 4.6 solution provides monitoring and **configuration control** , from a single console, to simplify defense against viruses and malicious code for the millions...

...McAfee is dedicated to protecting customers networks, on all major platforms, from malicious code and **virus** outbreaks," said Zoe Lowther, product marketing manager for the McAfee NetShield line of products. "We...

...with Novell to develop an extension to the NetShield product line that meets the anti- **virus** security needs of the users of this new version of their network operating system."

McAfee is a strategic Novell Partner, which means faster, easier, and more integrated **virus** defense for customers in Novell environments or mixed NetWare/NT networks. The NetShield solution for NetWare is one of the first anti- **virus** products to be certified on the latest version of NetWare, matching McAfee's industry-leading...

...NetWare."

The NetShield solution also supports Novell eDirectory, allowing administrators to receive automatic notification of **virus** detection. In addition, NetShield for NetWare provides full support for NetWare Storage Services (NSS), functionality...

20/3,K/64 (Item 5 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00683311 20011130HSF001 (USE FORMAT 7 FOR FULLTEXT)  
**NEW Web Security Tool Stops Hackers From Modifying Websites**  
PR Newswire  
Friday, November 30, 2001 07:02 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 396

TEXT:

...President of Cimcor, Inc., stated "We feel that CimTrak -- Web Security Edition brings industrial strength **change control** and security mechanisms to the Enterprise by finally enabling them to secure Web Servers and...

...number of web sites that experience some form of attack is steadily on the rise. **Hackers** are constantly on the prowl for disk space, bandwidth, and system resources. Firewalls and other methods often fail to prevent **hackers** from accessing and modifying information on corporate servers. CimTrak -- Web Security Edition provides a second level of security by providing a virtual alarm system, indicating when a **hacker** has entered the system and modified a key system file. CimTrak -- Web Security Edition provides...

20/3,K/65 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0705117  
CE OWNERS GROUP FILES JOINT APPLICATION TO RELAX AOTs AT 10 CE UNITS.

Search Report from Ginger D. Roberts

Inside NRC October 2, 1995; Pg 3; Vol. 17, No. 20  
Journal Code: NRC ISSN: 0149-0252  
Word Count: 861 \*Full text available in Formats 5, 7 and 9\*

BYLINE:  
David Stellfox, Washington

TEXT:  
...said. ``I understand the PRA part, I don't understand the rest of it."

Alan **Hackerott**, from the Omaha Public Power District's Fort Calhoun and chairman of the CEOG's PRA working group, indicated that for **configuration control** the CEOG was relying on the maintenance rule, which takes effect in July.

He said...

20/3,K/66 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

05085496 Supplier Number: 78690573 (USE FORMAT 7 FOR FULLTEXT)  
**Warnings more frequently citing computers, software.**  
Warning Letter Bulletin, v9, n16, pNA  
August 13, 2001  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 766

... standard operating procedures that included, but were not limited to, system validation, hardware and software **change control**, revalidation, user operations, security guidelines, software revision control, **virus** detection, disaster recovery and database backup and audit trail archival. ("It's all

20/3,K/67 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03433647 Supplier Number: 47072430 (USE FORMAT 7 FOR FULLTEXT)  
**QUERISOFT: Querisoft announces agreement with Security First Technologies (S1) to resell Troy**  
M2 Presswire, pN/A  
Jan 28, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 656

RDATE:280197

\* Company to offer S1's **configuration control** product for Web server security, increased productivity, reduced administration costs, and real-time **virus** prevention

SAN FRANCISCO -- At the 1997 RSA Data Security Conference, Querisoft, Inc., Atlanta-based Internet...

...subsidiary of Security First Network Bank (NASDAQ: SFNB), to market S1's(TM) Troy(TM) **configuration control** and **virus** prevention product.

A revolutionary security product jointly developed by Querisoft and S1, Troy addresses a...

20/3,K/68 (Item 3 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02444748 Supplier Number: 44880293 (USE FORMAT 7 FOR FULLTEXT)  
**HACKING/FRAUD NEWS - Australian science agency's computer security  
deficient**  
Computer Fraud & Security Bulletin, pN/A  
August, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 309

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...computer system of the Commonwealth Scientific and Industrial Research  
Organization (CSIRO) has been penetrated by **hackers** , but it could not  
determine the full extent of the security breaches. This was particularly  
...

...problems in terms of physical and logical security, disaster recovery  
systems, backup systems and software **change control** . The CSIRO's  
network and computing facilities had developed in the absence of the value  
...

20/3,K/69 (Item 4 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02389440 Supplier Number: 44720497 (USE FORMAT 7 FOR FULLTEXT)  
**MARKETPLACE**  
Computer Fraud & Security Bulletin, pN/A  
June, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 483

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...Trade-up Programme' designed to offer free advice and solutions for  
users of competing anti- **virus** products. Firstly, the company offers free  
technical help on dealing with both current and potential viruses. The  
second part of the programme is aimed at users of competing anti- **virus**  
products, who can now swap to Dr Solomon's Anti- **Virus** Toolkit at a  
reduced price. For further information contact Steve Warren on +44 (0)442  
...

...focusing its security- related sales and marketing resources on the  
recently launched network security and **configuration management** system,  
Datasave Advanced for Novell. IDS are offering 50% discount on an upgrade  
to security and anti - **virus** systems to current customers. Datasave  
Advanced for Novell provides two main levels of network management...

...in terms of the resources to which they can have access. The system also  
offers **virus** control. For further information contact Emma Joel on +44  
(0)71 631 0548. A new...

...information contact Edward Haddard on +44 (0)71 329 4744. ICL has been  
awarded a **contract** for the Japanese company Nippon Telegraph and  
Telephone Corp (NTT) to provide consultancy on information security. The  
**contract** will be undertaken by the Secure Systems business of ICL. The  
consultancy includes the provision...

20/3,K/70 (Item 5 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01822781 Supplier Number: 43094115 (USE FORMAT 7 FOR FULLTEXT)  
**Screening for Agents Against the Human Immunodeficiency Virus**  
AIDS Weekly, pN/A  
June 22, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; General  
Word Count: 423

... provide assistance in the primary screening of experimental agents utilizing the HTLV-lav (human AIDS **virus** ). An organization is sought that will supply the necessary equipment, personnel and facilities to conduct...

...year. The tasks will include maintaining and expanding one or more cell lines and the **virus** necessary to infect these cells, the preparation of experimental agents for testing and the collection...

...less than 10 percent of the work will involve in vivo testing with murine leukemia **virus** . It is anticipated that one cost-reimbursement **contract** , completion form, will be awarded as a result of the solicitation. This **contract** is planned to be incrementally funded over a five-year period. The proposed **contract** project represents a recompetition of Southern Research Institute, N01- **CM** -87237. Because of the nature of work involving live human immunodeficiency **virus** (HIV), (offerers) must show evidence at the time of the best and final offer that ...

...by the NCI. This announcement is not a Request for Proposals (RFP). RFP No. NCI- **CM** -37818-28 will be available on or about June 12, 1992, with a response date...

...All copies of the RFP may be obtained by written request to: Ms. Carolyn Barker, **Contract** Specialist, Research **Contracts** Branch, Treatment **Contracts** Section, Executive Plaza South, Room 603, 9000 Rockville Pike, Bethesda, Maryland 20892. No collect calls...

20/3,K/71 (Item 6 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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01151576 Supplier Number: 40959403 (USE FORMAT 7 FOR FULLTEXT)  
**Current machines**  
Computer Fraud & Security Bulletin, v11, n12, pN/A  
Oct, 1989  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 158

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...they all have only discretionary access controls. This means that a properly authorized user can **change** the access **controls** on his files. If a user can do this then so can a Trojan horse or **virus** (Gasser, 1988).  
?

?t13/3,k/all

13/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01631125 02-82114

**The art of managing multiple processes**

Fayad, Mohamed E

Communications of the ACM v41n5 PP: 103-105 May 1998

ISSN: 0001-0782 JRNL CODE: ACM

WORD COUNT: 1691

...ABSTRACT: In this case, CM may be a category of document management, or it may include **configuration control** of software tools used in the processes as well. CM, because it becomes possible to reconstruct the processes used in the development environment, is necessary to **analyze** procedural **problems** during the lifetime of the project. In a multiyear project, only complete CM or processes will provide enough data. Even if **contractual** or legal requirements do not require process CM, it is still a good practice. ...

...TEXT: In this case, CM may be a category of document management, or it may include **configuration control** of software tools used in the processes as well. CM, because it becomes possible to reconstruct the processes used in the development environment, is necessary to **analyze** procedural **problems** during the lifetime of the project. In a multiyear project, only complete CM or processes will provide enough data. Even if **contractual** or legal requirements do not require process CM, it is still a good practice.

Reference...

13/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00778650 94-28042

**Contingency management for the Hong Kong Airport Core Program (ACP)**

Schmitz, Jhan; Shotwell, Norman H

American Association of Cost Engineers Transactions PP: S.3.1-S.3.11 1993

ISSN: 0065-7158 JRNL CODE: AEE

WORD COUNT: 4784

...TEXT: ACP project, as well as master milestone and interface schedules to execute them; project and **contract** scopes, schedules, and budgets are developed by the works agents within the framework of the...

...basic frame of reference by which NAPCO monitors the progress and budget of the projects, **detects** and resolves **problems**, and is the prerequisite for **change control**. The ACP baseline plan is updated on a semi-annual basis compatible with HKG's...

13/3,K/3 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

02609480 Supplier Number: 43468154 (USE FORMAT 7 FOR FULLTEXT)

**McDonnell Douglas gets \$163-million NASA contract to provide Spacelab integration services**

Space Commerce Week, pN/A

Nov 23, 1992



Search Report from Ginger D. Roberts

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 102

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...will continue to provide Spacelab integration services at Kennedy Space Center under \$163-million NASA **contract** . Agency said **contract** has 4 one-year options of \$34.6 million, \$29.7 million, \$28.6 million...

...and software systems. (2) Providing program support and control functions such as project management procurement, **configuration control** , safety, reliability and quality assurance engineering analyses and documentation for missions. (3) Providing analyses and documentation to verify flight readiness. (4) Supporting flight operations and postmission **evaluation** and **anomaly** resolution.

13/3,K/4 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01564116

New IBM plan put users to the test.  
COMPUTER DECISIONS January 26, 1987 p. 20,24

...for assessing maintenance practices at their data centers; they must also enter into longer-term **contracts** . For network discounts, users must offer network monitoring functions at its network command center. To apply CSA to computer systems, users must be undertaking **problem determination** and resolution and **change control** . Large users can receive up to a 40% discount through CSA by taking on some...

13/3,K/5 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

03438102 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Feds confront their legacy applications: Many ask, 'How do we get there form here? (Special Report)**  
**(Federal agencies)**  
Government Computer News, v 21, n 10, p 1(7)  
May 06, 2002  
DOCUMENT TYPE: Journal; Industry Overview ISSN: 0738-4300 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3450

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...and Project: Visio 2000;  
www.sra.com

Erwin; Cognos; ColdFusion; PVCS  
and Visual SourceSafe for  
**configuration control and problem tracking** : DOORS for requirements management

Unisys Corp.  
Blue Bell, Pa.  
703-556-5400  
www.federal.unisys.com  
Vendor

Oracle, PeopleSoft, SAP, Siebel  
CRM, Windows 2000, Web-  
enablement applications

Federal **contracts** and  
examples of past work

Search Report from Ginger D. Roberts

American Management  
Systems Inc...

GSA IT Schedule, GSA MOBIS Schedule,

13/3,K/6 (Item 1 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
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03821190 Supplier Number: 48294029 (USE FORMAT 7 FOR FULLTEXT)  
**NEW INSTALLS ProGRIS (Radiology Information System)**  
Information Technology Report, pN/A  
Feb 15, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2950

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...satisfactory? Completely unsatisfactory. Technically they cannot support their product. They have the inability to solve **problems**, and there is no apparent **testing** or **change control** processes in place. We figured out what the problem was, and they would erase their...

...we were taking risks, that this was new, and it worked out to our benefit. **Contract** Management System (Contracting) **Contract** Management System models and re-prices managed care **contracts** with the hospital. Vendor: QuadraMed Corp., Larkspur, Calif. Hospital: St. Mary's Medical Center, HobartWe were trying to solve a reimbursement problem with managed care **contracts**. We wanted to create a 4% reduction in **contractual** allowance. Was the vendor flexible about negotiating terms and conditions? Yes, on price and features...  
?